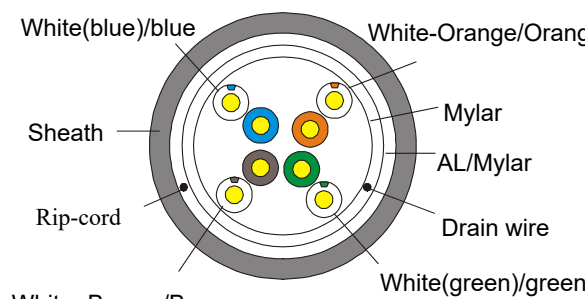


F/UTP 4 pairs cable - category5E – FR LSZH Sheath

P/N: LG2302-106

| Content of the Data Sheet                   |                                                                |                        |                        |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
|---------------------------------------------|----------------------------------------------------------------|------------------------|------------------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------|-------------|-----------|-----------------|--------|---------|----------|-----------------|---|-------|---|-------|---------|------|-------|------|-------|---------|------|-------|------|-------|---------|-------|-------|------|-------|---------|-------|-------|------|-------|---------|-------|-------|------|-------|---------|-------|-------|-------|-------|---------|--------|-------|-------|-------|---------|-------|-------|-------|-------|---------|-----|-------|-------|-------|---------|---|-------|-------|-------|---|-------|-------|-------|---|-------|-------|-------|----|-------|-------|-------|----|-------|-------|-------|----|-------|-------|-------|----|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-----|-------|-------|-------|
| Sheath Printing                             | TBD                                                            |                        |                        |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
| Customer No.                                |                                                                | Customer Reference     |                        |                 | <div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
| Category                                    | F/UTP CAT5E-4P-LSZH(B2ca)                                      |                        |                        |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
| Reference Standard                          | ISO/IEC11801、TIA-568-C.2                                       |                        |                        |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
| Conductor                                   | Material                                                       | Solid-Bare Copper      |                        |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
|                                             | Nom.O.D.(mm)                                                   | 0. 500                 | up                     | +0.005          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
|                                             |                                                                |                        | down                   | -0.005          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
| Insulation                                  | Material                                                       | HDPE                   |                        |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
|                                             | Diameter                                                       | 1.00±0.05 mm           |                        |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
| Screening Material                          | Mylar+ AL/Mylar                                                |                        |                        |                 | <div>Technical Performance (100m) :</div> <table><thead><tr><th>Frequency (MHz)</th><th>RL ≥dB</th><th>ATT ≤dB</th><th>NEXT ≥dB</th><th>Phase DELAY ≤ns</th></tr></thead><tbody><tr><td>1</td><td>20. 0</td><td>—</td><td>65. 3</td><td>570. 00</td></tr><tr><td>4. 0</td><td>23. 0</td><td>4. 1</td><td>56. 3</td><td>552. 00</td></tr><tr><td>8. 0</td><td>24. 5</td><td>5. 8</td><td>51. 8</td><td>546. 73</td></tr><tr><td>10. 0</td><td>25. 0</td><td>6. 5</td><td>50. 3</td><td>545. 38</td></tr><tr><td>16. 0</td><td>25. 0</td><td>8. 2</td><td>47. 2</td><td>543. 00</td></tr><tr><td>20. 0</td><td>25. 0</td><td>9. 3</td><td>45. 8</td><td>542. 05</td></tr><tr><td>25. 0</td><td>24. 3</td><td>10. 4</td><td>44. 3</td><td>541. 20</td></tr><tr><td>31. 25</td><td>23. 6</td><td>11. 7</td><td>42. 9</td><td>540. 44</td></tr><tr><td>62. 5</td><td>21. 5</td><td>17. 0</td><td>38. 4</td><td>538. 55</td></tr><tr><td>100</td><td>20. 1</td><td>22. 0</td><td>35. 3</td><td>537. 60</td></tr></tbody></table> <div>Frequency PSNEXT (MHz) ≥dB</div> <div>ELFEXT ≥dB</div> <div>PSELFEXT ≥dB</div> <table><tbody><tr><td>1</td><td>62. 3</td><td>63. 8</td><td>60. 8</td></tr><tr><td>4</td><td>53. 3</td><td>51. 8</td><td>48. 8</td></tr><tr><td>8</td><td>48. 8</td><td>45. 7</td><td>42. 7</td></tr><tr><td>10</td><td>47. 3</td><td>43. 8</td><td>40. 8</td></tr><tr><td>16</td><td>44. 4</td><td>39. 7</td><td>36. 7</td></tr><tr><td>20</td><td>42. 8</td><td>37. 8</td><td>34. 8</td></tr><tr><td>25</td><td>41. 3</td><td>35. 8</td><td>32. 8</td></tr><tr><td>31. 25</td><td>39. 9</td><td>33. 9</td><td>30. 9</td></tr><tr><td>62. 5</td><td>35. 4</td><td>27. 9</td><td>24. 9</td></tr><tr><td>100</td><td>32. 3</td><td>23. 8</td><td>20. 8</td></tr></tbody></table> |            |           |             |           | Frequency (MHz) | RL ≥dB | ATT ≤dB | NEXT ≥dB | Phase DELAY ≤ns | 1 | 20. 0 | — | 65. 3 | 570. 00 | 4. 0 | 23. 0 | 4. 1 | 56. 3 | 552. 00 | 8. 0 | 24. 5 | 5. 8 | 51. 8 | 546. 73 | 10. 0 | 25. 0 | 6. 5 | 50. 3 | 545. 38 | 16. 0 | 25. 0 | 8. 2 | 47. 2 | 543. 00 | 20. 0 | 25. 0 | 9. 3 | 45. 8 | 542. 05 | 25. 0 | 24. 3 | 10. 4 | 44. 3 | 541. 20 | 31. 25 | 23. 6 | 11. 7 | 42. 9 | 540. 44 | 62. 5 | 21. 5 | 17. 0 | 38. 4 | 538. 55 | 100 | 20. 1 | 22. 0 | 35. 3 | 537. 60 | 1 | 62. 3 | 63. 8 | 60. 8 | 4 | 53. 3 | 51. 8 | 48. 8 | 8 | 48. 8 | 45. 7 | 42. 7 | 10 | 47. 3 | 43. 8 | 40. 8 | 16 | 44. 4 | 39. 7 | 36. 7 | 20 | 42. 8 | 37. 8 | 34. 8 | 25 | 41. 3 | 35. 8 | 32. 8 | 31. 25 | 39. 9 | 33. 9 | 30. 9 | 62. 5 | 35. 4 | 27. 9 | 24. 9 | 100 | 32. 3 | 23. 8 | 20. 8 |
| Frequency (MHz)                             | RL ≥dB                                                         | ATT ≤dB                | NEXT ≥dB               | Phase DELAY ≤ns |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
| 1                                           | 20. 0                                                          | —                      | 65. 3                  | 570. 00         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
| 4. 0                                        | 23. 0                                                          | 4. 1                   | 56. 3                  | 552. 00         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
| 8. 0                                        | 24. 5                                                          | 5. 8                   | 51. 8                  | 546. 73         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
| 10. 0                                       | 25. 0                                                          | 6. 5                   | 50. 3                  | 545. 38         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
| 16. 0                                       | 25. 0                                                          | 8. 2                   | 47. 2                  | 543. 00         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
| 20. 0                                       | 25. 0                                                          | 9. 3                   | 45. 8                  | 542. 05         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
| 25. 0                                       | 24. 3                                                          | 10. 4                  | 44. 3                  | 541. 20         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
| 31. 25                                      | 23. 6                                                          | 11. 7                  | 42. 9                  | 540. 44         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
| 62. 5                                       | 21. 5                                                          | 17. 0                  | 38. 4                  | 538. 55         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
| 100                                         | 20. 1                                                          | 22. 0                  | 35. 3                  | 537. 60         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
| 1                                           | 62. 3                                                          | 63. 8                  | 60. 8                  |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
| 4                                           | 53. 3                                                          | 51. 8                  | 48. 8                  |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
| 8                                           | 48. 8                                                          | 45. 7                  | 42. 7                  |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
| 10                                          | 47. 3                                                          | 43. 8                  | 40. 8                  |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
| 16                                          | 44. 4                                                          | 39. 7                  | 36. 7                  |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
| 20                                          | 42. 8                                                          | 37. 8                  | 34. 8                  |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
| 25                                          | 41. 3                                                          | 35. 8                  | 32. 8                  |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
| 31. 25                                      | 39. 9                                                          | 33. 9                  | 30. 9                  |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
| 62. 5                                       | 35. 4                                                          | 27. 9                  | 24. 9                  |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
| 100                                         | 32. 3                                                          | 23. 8                  | 20. 8                  |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
| Sheath                                      | Thickness                                                      | 0.65±0.1mm             |                        |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
|                                             | External O.D.                                                  | 6.3±0.4 mm             |                        |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
| Sheath                                      | Surface                                                        | Clean, Frap, Satiation |                        |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
|                                             | Material                                                       | FR-LSZH(complies RoHS) |                        |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
|                                             | Color                                                          | TBD                    |                        |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
|                                             | Surface Printing                                               | Letter height          | 3.0±0.3mm              |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
|                                             |                                                                | Color                  | Black                  |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
| Print error & Space                         |                                                                | ≤±0.5%, 1m             |                        |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
| Core Color                                  | 1 White- Blue /Blue                                            |                        | 2 White-Orange /Orange |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
|                                             | 3 White- Green /Green                                          |                        | 4 White- Brown /Brown  |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
| Packing                                     | Wooden Tray & Carton                                           |                        |                        |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
| Carton dimension                            | According to the requires                                      |                        |                        |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
| Packing length                              | (305±1.5)m                                                     |                        |                        |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
| Rip-cord                                    | Yes                                                            | Drain wire             | Yes                    |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
| Sheath Physical Properties                  | Before Aging                                                   | Tensile Strength (Mpa) |                        | ≥9.0            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
|                                             |                                                                | Elongation (%)         |                        | ≥100            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
|                                             | Aging Period (℃×hrs)                                           |                        | 100℃×24h×7d            |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
|                                             | After Aging                                                    | Tensile Strength (Mpa) |                        | ≥8.0            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
|                                             |                                                                | Elongation (%)         |                        | ≥70             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
| Electrical Characteristics (20℃)            | Cold bend (-20 ± 2℃ × 4h) 15times cable O.D. No visible cracks |                        |                        |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
|                                             | 1.0-100.0MHz                                                   | Impedance(Ω)           |                        | 100±15          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
|                                             | 1.0-100.0MHz                                                   | Delay Skew (ns/100m)   |                        | ≤45             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
|                                             | unbalanced-to-ground capacitance (pf/100m) max                 |                        | 330                    |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
|                                             | DC Resistance (Ω/100m) max                                     |                        | 9.5                    |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
| DC Conductor Resistance Unbalance (%) max   |                                                                | 5.0                    |                        |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
| Reaction to fire Classification: B2ca,s1,d1 |                                                                |                        |                        |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |            |           |             |           |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |
| Version                                     | A/01                                                           | Date                   | 2017-08-25             | Revised By      | Caihanglie                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Audited By | Nidonghua | Approved By | Nidonghua |                 |        |         |          |                 |   |       |   |       |         |      |       |      |       |         |      |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |      |       |         |       |       |       |       |         |        |       |       |       |         |       |       |       |       |         |     |       |       |       |         |   |       |       |       |   |       |       |       |   |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |    |       |       |       |        |       |       |       |       |       |       |       |     |       |       |       |

| Number | Revise Contents         | Revise Reasons | Revised By | Audited By | Approved By | Date       |
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| A/01   | Specification Version 1 |                | Caihanglie | Nidonghua  | Nidonghua   | 2017-08-25 |
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