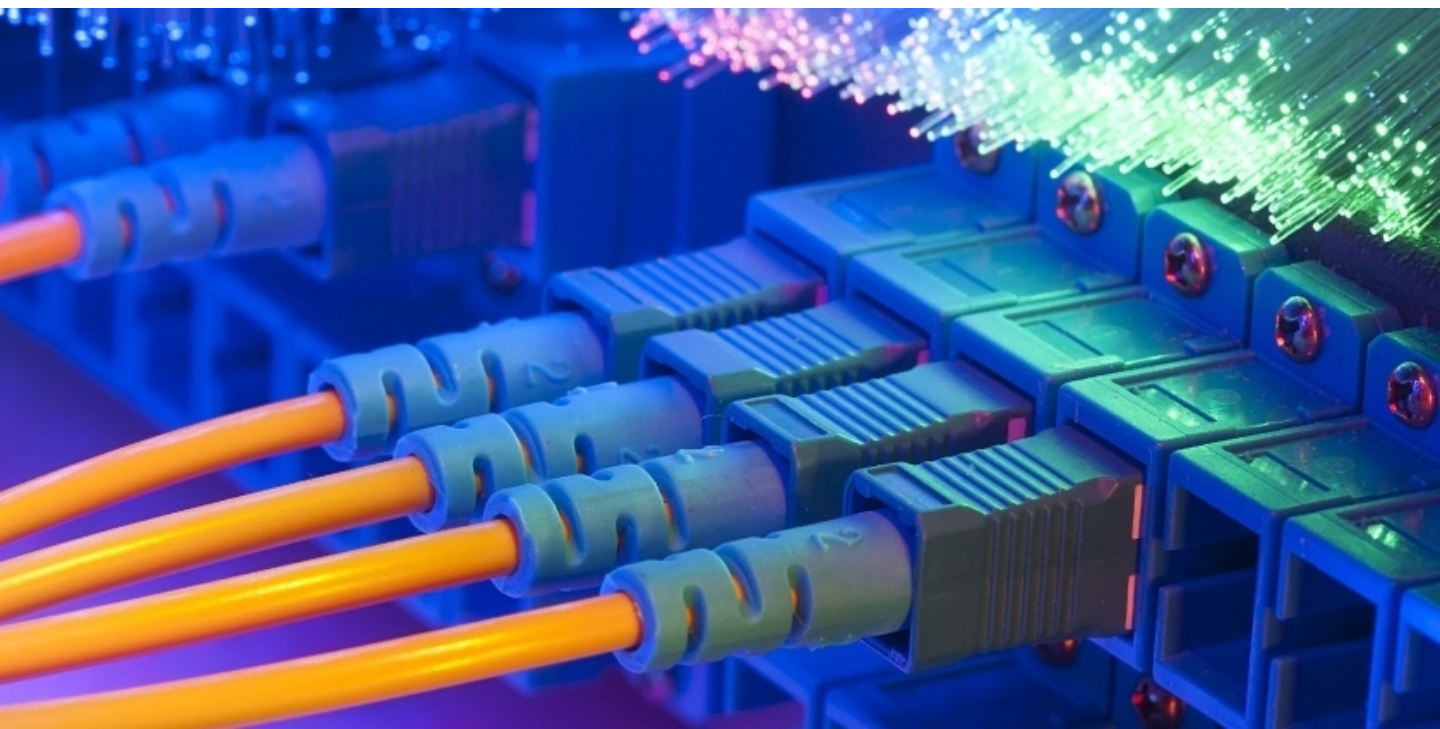


# LB Patch Panel



## LB Optical Patch Panel

LB optical patch panel is designed for 19” EIA rack. Excellent performance and easy installation, meanwhile having extremely high flexibility.

- **Features/Benefits**
- High termination density
- Convenient for installation & maintenance
- Ability to reconfigure and expand your network
- Various interface available SC or LC
- Integrate splicing and wiring together
- Convenient for installation & maintenance
- Self-attached cable management in front



1HU Panel



2HU Panel



4HU Panel

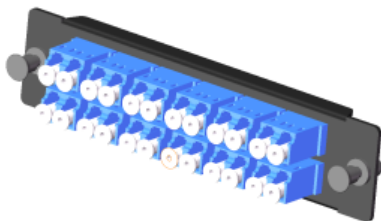
### Technical Parameters

|                                   |                              |             |             |
|-----------------------------------|------------------------------|-------------|-------------|
| Dimension<br>H*W*D (mm)           | 1HUx482x400                  | 2HUx482x400 | 4HUx482x400 |
| Panel material                    | Steel, powder coating, Black |             |             |
| Fixed installation                | 19” EIA rack                 |             |             |
| Max. Slot numbers<br>for LB plate | 3                            | 6           | 12          |
| Max. splicing tray                | 3*24F                        | 6*24F       | 12*24F      |
| Max. capacity                     | 72F/LC                       | 144F/LC     | 288F/LC     |
| Operation<br>temperature range    | - 20 °C to +60 °C            |             |             |
| 2011/65/EU<br>(RoHS)              | Compliant                    |             |             |

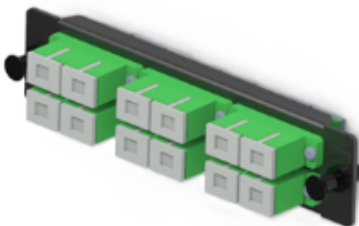
LB Plate

Features/Benefits

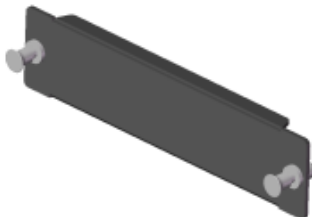
- LB installation design
- Convenient operation
- Ability to reconfigure and expand your network
- Various interface available SC or LC



LC Plate



SC Plate



Blank Plate

Technical Parameters

|                                |                              |       |
|--------------------------------|------------------------------|-------|
| Dimension<br>W*H*D (mm)        | 129x29x40                    |       |
| Panel material                 | Steel, powder coating, Black |       |
| Fixed installation             | Standard LB installation     |       |
| Max. capacity                  | 12F/SC                       | 24/LC |
| Operation<br>temperature range | - 20 °C to +60 °C            |       |
| 2011/65/EU<br>(RoHS)           | Compliant                    |       |

LB Module

Features/Benefits

- LB installation design
- Convenient operation
- Max. capacity 24Fibers
- Ability to reconfigure and expand your network
- Various interface available SC or LC



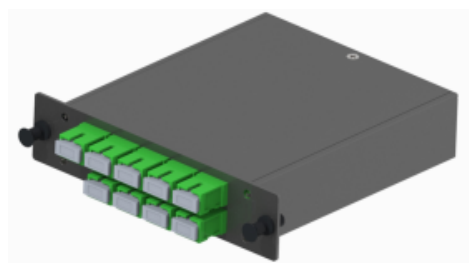
Technical Parameters

| Module type                    |       | 12F                             | 24F                               |
|--------------------------------|-------|---------------------------------|-----------------------------------|
| Dimension<br>W*H*D (mm)        |       | 129x29x165                      |                                   |
| Module material                |       | Steel, powder coating, Black    |                                   |
| Fixed installation             |       | Standard LB installation        |                                   |
| Inner harness                  |       | MPO/12-12*SC or<br>MPO/12-12*LC | 2*MPO/12-12*LC or<br>MPO/24-24*LC |
| Adapter<br>type                | Front | SC or LC                        | LC                                |
|                                | Rear  | MPO                             | MPO                               |
| Operation<br>temperature range |       | - 20 °C to +60 °C               |                                   |
| Operation<br>temperature range |       | - 20 °C to +60 °C               |                                   |
| 2011/65/EU<br>(RoHS)           |       | Compliant                       |                                   |

## LB Splitter Module

### ■ Features/Benefits

- LB installation design
- Convenient operation
- 1 or 2 input channel
- 2, 4, 8, 16, 32 output channel available
- Ability to reconfigure and expand your network
- Various interface available SC or LC



### Technical Parameters

| Type                         |     | 1x2                          | 1x4   | 1x8    | 1x16       | 1x32   |
|------------------------------|-----|------------------------------|-------|--------|------------|--------|
| Dimension<br>W*D*H (mm)      |     | 129*165*29                   |       |        | 129*165*58 |        |
| Module material              |     | Steel, powder coating, Black |       |        |            |        |
| Interface type               |     | SC/LC                        | SC/LC | SC/LC  | SC/LC      | LC     |
| Operating<br>Bandwidth(nm)   |     | 1260~1650                    |       |        |            |        |
| Insertion Loss (dB)          |     | ≤ 4.5                        | ≤ 7.7 | ≤ 11.2 | ≤ 14.2     | ≤ 17.9 |
| Loss uniformity (dB)         |     | ≤ 0.6                        | ≤ 0.8 | ≤ 1.0  | ≤ 1.2      | ≤ 1.5  |
| PDL(dB)                      |     | ≤ 0.3                        | ≤ 0.3 | ≤ 0.3  | ≤ 0.3      | ≤ 0.3  |
| Return<br>Loss(dB)           | PC  | ≥ 50                         | ≥ 50  | ≥ 50   | ≥ 50       | ≥ 50   |
|                              | APC | ≥ 55                         | ≥ 55  | ≥ 55   | ≥ 55       | ≥ 55   |
| Directivity(dB)              |     | ≥ 55                         | ≥ 55  | ≥ 55   | ≥ 55       | ≥ 55   |
| Operating<br>Temperature(°C) |     | -20~60°C                     |       |        |            |        |
| 2011/65/EU (RoHS)            |     | Compliant                    |       |        |            |        |

LB Patch Panel

| Product Type        | Series | RU     | Fiber counts | Fiber type    | Adapter type | Splicing tray counts | Color   |
|---------------------|--------|--------|--------------|---------------|--------------|----------------------|---------|
| ME                  | B      | XX     | XXX          | XX            | X            | XX                   | X       |
| ME-Module Enclosure | B-LC   | 1U-1HU | 000-Empty    | SM-Singe mode | 0-Empty      | 00-Empty             | B-Black |
|                     |        | 2U-2HU | 024-24Fibers | MM-Multi mode | 1-LC Duplex  | 01-1 Tray            | G-Grey  |
|                     |        | 4U-4HU | 048-48Fibers | NL-Null       | 2-SC         | 02-2 Tray            | W-White |
|                     |        |        | 072-72Fibers |               |              | 03-3 Tray            |         |

LB Plate

| Product Type     | Series | Fiber counts        | Adapter Color | Color   |
|------------------|--------|---------------------|---------------|---------|
| AD               | B      | XX                  | X             | X       |
| AD-Adapter Plate | B-LC   | 01-24port LC Duplex | A-Blue        | B-Black |
|                  |        | 02-12port SC        | B-Green       | G-Grey  |
|                  |        | 11-Blank            | C-Beige       | W-White |
|                  |        |                     | D-Aqua        |         |
|                  |        |                     | R-null        |         |

LB Module

| Product Type | Series | Fiber Count | Harness Type       | Fiber Type | Polarity    | Color   |
|--------------|--------|-------------|--------------------|------------|-------------|---------|
| CT           | B      | XX          | X                  | X          | X           | X       |
| CT-Cassette  | B-LC   | 12-12F      | 1-MPO/12-12*LC/UPC | A-OM1      | A-Type A    | B-Black |
|              |        | 24-24F      | 2-MPO/12-12*SC/UPC | B-OM2      | B-Type B    | G-Grey  |
|              |        |             | 3-MPO/24-24*LC/UPC | C-OM3      | U-Universal | W-White |
|              |        |             | 4-MPO/12-12*LC/APC | D-OM4      |             |         |
|              |        |             | 5-MPO/12-12*SC/APC | E-G652D    |             |         |
|              |        |             | 6-MPO/24-24*LC/APC | F-G657A1   |             |         |
|              |        |             |                    | G-G657A2   |             |         |

LB PLC Splitter Module

| Product Type          | Series | Splitter Type     | Fiber Type | Input Connector type | Output Connector type | End face type | Color   |
|-----------------------|--------|-------------------|------------|----------------------|-----------------------|---------------|---------|
| SCT                   | B      | XXX               | X          | X                    | X                     | X             | X       |
| SCT-Splitter Cassette | B-LC   | 102-1x2 Splitter  | A-OM1      | 1-LC                 | 1-LC                  | 1-UPC to UPC  | B-Black |
|                       |        | 104-1x4 Splitter  | B-OM2      | 2-SC                 | 2-SC                  | 2-APC to APC  | G-Grey  |
|                       |        | 108-1x8 Splitter  | C-OM3      |                      |                       |               | W-White |
|                       |        | 116-1x16 Splitter | D-OM4      |                      |                       |               |         |
|                       |        | 132-1x32 Splitter | E-G652D    |                      |                       |               |         |
|                       |        |                   | F-G657A1   |                      |                       |               |         |
|                       |        |                   | G-G657A2   |                      |                       |               |         |