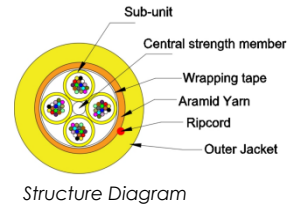


64F 6.0mm Micro(Multi-unit with 1.7mm Sub-unit) LSZH Cable--LinkPro CABLE CONSTRUCTIONS

Description

64 fiber 250µm internal cable with aramid strength members, FRP and LSZH Jacket.

The cable uses 250µm Optical fibers as optical transmission medium, 4 x 16 fibers with loose tubes and LSZH Jacket. The individually numbered loose tubes are stranded around a FRP rod (option to be Jacketed) central strength member with wrapping tape, aramid yarns, ripcord and final LSZH Jacket.



Features

- High-integrated colored bare fiber design
- Aramid yarns providing excellent tensile performance
- Stranded non-metallic strength member structure ensure the cable endure larger tensile strength
- Anti-corrosion, flame-retardant and environment-friendly

Applications

- Ideal for internal inter-connect using MPO or MTP connectivity
- Data center cable
- Backbone distribution cable in a building

Optical Fiber Characteristic

Fiber Type	After cabled max attenuation(dB/km)				Overfilled modal bandwidth(OFL)	Effective modal bandwidth	Minimum bending radius
	1310nm	1550nm	850nm	1300nm	850/1300nm (MHZ.km)	850/953nm (MHZ.km)	mm
G.652.D	0.4	0.3	-	-	-	-	16
G.657.A1	0.4	0.3	-	-	-	-	10
G.657.A2	0.4	0.3	-	-	-	-	7.5
G.657.B3	0.4	0.3	-	-	-	-	5
OM1	-	-	3.5	1.5	≥200/500	-	37.5
OM2	-	-	3.5	1.5	≥500/500	-	7.5
OM3	-	-	3.5	1.5	≥1500/500	≥2000	7.5
OM4	-	-	3.5	1.5	≥3500/500	≥4700	7.5
OM5	-	-	3.5	1.5	≥3500/500	≥4700/2470	7.5

Fiber Identification (IEC TR 63194)

1	2	3	4	5	6	7	8	9	10	11	12
Blue	Orange	Green	Brown	Gray	White	Red	Black	Yellow	Purple	Pink	Aqua
13	14	15	16								
Blue+b	Orange+b	Green+b	Brown+b								

Note: +b = Colored fiber with a black band ring mark

Or

1	2	3	4	5	6	7	8	9	10	11	12
Blue	Orange	Green	Brown	Gray	White	Red	Black	Yellow	Purple	Pink	Aqua
13	14	15	16								
Olive	Magenta	Tan	Lime								

Constructions and Technical Parameters

Items		Descriptions
Fiber counts		64F
Inner Jacket	Material	LSZH
	Color	TBD
	Diameter(mm) approx.	1.7 ± 0.1
Central strength member	Material	FRP
Outer Jacket	Material	LSZH
	Color	TBD
	Wrapping tape	Nonwovens
	Ripcord	1
	Strength member	Aramid yarns
Minimum bending radius	Static	10×Cable diameter
	Dynamic	20×Cable diameter
Cable diameter(mm)		6.0 ± 0.3
Cable weight(kg/km) approx.		35
Plywood drum dimensions(mm)		F700, B400, W540(Flange, Barrel, Width)

Mechanical and Environmental Characteristics

Items	Descriptions		Test Method	Requirements
Tensile performance	Short-term	440N	IEC 60794-1-21 Method E1	IEC 60794-2-20
	Long-term	130N		
Crush resistance	Short-term	500N/10cm	IEC 60794-1-21 Method E3	IEC 60794-2-20
	Long-term	100N/10cm		
Temperature range	-20 °C to +70 °C		IEC 60794-1-22 Method F1	IEC 60794-2-20
Other parameters: according to IEC 60794-2-20 and IEC 60794-1-21				

Environmental Temperature

Items	Value
Installation temperature	-10 °C to +60 °C
Operation temperature	-20 °C to +70 °C
Storage temperature	-40 °C to +70 °C

Identification

Unless otherwise specified, the cable sheath marking shall be as follows:

OPTICAL CABLE D/125 AAA 64F LSZH YYWWD XXXXM *****

- Ink Color: Black
- D/125: is the optical fiber core size where OM1 will be printed 62.5/125, OM2, OM3, OM4, OM5 will be printed 50/125. ITU-T G.657.A1, G.657.A2 will be printed 9/125
- AAA: is the fiber Type OM1, OM2, OM3, OM4, OM5, G.652.D, G.657.A1 or G.657.A2
- YYWWD: Year + Week + Day
- XXXXM: Sequential meter marking, Interval: 1m
- *****: Cable Reel No., Per Manufacturer or owner

Jacket Color (Pantone Color)

Blue	Orange	Green	Brown	Gray	White	Red	Black
PT 3005U	PT 1505U	PT 347U	PT 483U	PT 431U	RAL 9003	PT 206U	RAL 9005
Yellow	Purple	Pink	Aqua	Light Green	Lime Green	Erika Violet	
PT 107U	PT 267U	PT 707U	PT 3245U	PT 361U	PT 381U	RAL 4003	

Packing

Plywood drums protection. During transportation, right tools should be used to avoid damaging the package and to handle with ease. Cables should be protected from moisture; kept away from high temperature and fire sparks; protected from over bending and crushing; protected from mechanical stress and damage.

Delivery Length

Standard delivery length is 2km/drum. Other lengths available upon agreement.

Chemical Characteristics

Free of hazardous substances according to RoHS 2011/65/EU