

Indoor Optical Fiber Cable

Duplex Zip cord Interconnect Cable



Features:

Hiphotonics High strength aramid yarn strength member ensures high tensile strength and long-term stable transmission for optical fibers.

Small outer diameter, lightweight, flame-retardant, easy to strip, low attenuation, physically soft.

Direct splicing between tight buffered cables without the need of tie-in box or pigtail, suitable for installation, operation and convenient for maintenance.

Applications:

- As building to building connecting cable
- As indoor soft cable along the wall, ceiling, between layers and in conduits
- As pigtails, movable connectors and patch cords for communication equipment

Mechanical & Environmental characteristics:

ITEM	CHARACTERISTICS
Operation Temperature	-20 °C~+60C°
Storage Temperature	-40 °C~+85C°
Riser UL/c UL Rated	Type OFNR/OFN FT4
Plenum UL/c UL Rated	Type OFNP/OFN FT6
Jacket Material	PVC or LSZH or Plenum

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Fiber Count	Outside Diameter	T.B Diameter	Cable Weight	Min. Bend Radius		Tensile Load		Crush Load	
				Loaded	Installed	Short Term	Long Term	Short Term	Long Term
	mm	mm	kg/km	mm	mm	N	N	N	N
1	1.6	0.6	3.2	20D	10D	300	160	500	100
1	1.8	0.9	3.5	20D	10D	300	160	500	100
1	2.0	0.9	3.9	20D	10D	300	160	500	100
1	2.4	0.9	4.5	20D	10D	300	160	500	100
1	2.8	0.9	5.2	20D	10D	300	160	500	100
1	3.0	0.9	6.5	20D	10D	300	160	500	100
2	1.6x2	0.9	6.5	20D	10D	300	160	500	100
2	1.8x2	0.9	7.0	20D	10D	300	160	500	100
2	2.0x2	0.9	8.0	20D	10D	300	160	500	100
2	2.4x2	0.9	9.4	20D	10D	300	160	500	100
2	2.8x2	0.9	12.5	20D	10D	300	160	500	100
2	3.0x2	0.9	14.0	20D	10D	300	160	500	100
2	3.2x5.2	0.9	18.0	20D	10D	800	400	1000	500
2	7.2x4.2	0.9	31.0	20D	10D	1000	500	1200	1000

Optical Characteristics:

Glass Type	62.5/125um	62.5/125um	50/125um	50/125um	50/125um	
	Grade B	Grade A	Grade B	Grade A	OM3	
P/N Code(X)	62B	62A	50B	50A	OM3	09
Operating Wavelength	850/1300nm	850/1300nm	850/1300nm	850/1300nm	850/1300nm	1310/1550nm
Bandwidth (MHz. km)	160/500	200/600	200/500	400/800	1500/500	-
Attenuation (dB/km)	3.50/1.50	3.00/1.00	3.50/1.50	3.00/1.00	2.70/0.80	0.45/0.30
Link Length For 1000M	200/500	275/550	500/550	550/550	1000/600	-
Link Length For 10G	-	-	-	-	300/	-

Tight Buffer Fiber Colour:

1	2	3	4	5	6	7	8	9	10	11	12
WH-White	BL-Blue	OR-Orange	GR-Green	BR-Brown	GY-Grey	RE-Red	BK-Black	YE-Yellow	PU-Purple	PI-Pink	AQ-Aqua

Note: The colour of tight buffer fibers is arranged from No.1 colour successively.

Note:

1. See details of fiber specification in relevant Corning literature
2. The colour identification of the buffer layer complies with the standard colour identification set in GB13993.3-2001 Standard
3. S: short term; L: long term; T. B: tight buffer
4. Crush load: N/100mm; D: cable diameter

* SM cable: yellow; MM cable: orange;
options available for other colours LSZH or flame-retardant materials upon request.