

LS Fiber Optic Indoor / Outdoor Breakout Cable

Riser and Plenum Rated

UL TYPE OFNR/cUL OFN FT-4 / UL TYPE OFNP/cUL OFN FT-6

Description / Applications

- Indoor/Outdoor Breakout cables are rugged, high performance optical communication cables for inside plant and certain outside plant installations
- Plenum or Riser Cabling
- Backbone & Computer Room Cabling
- Direct Termination on 2.0 mm Sub-Units
- Duct & Direct Burial *below frostline
- No splicing required at building entrance
- RoHS Compliant

Option

- Fiber - Single mode, 50 μm , 62.5 μm Multi mode Available
- Higher Fiber Counts Available
- Other Sub-Unit Diameters Available (2.5 mm)
- Buffered fiber : Natural (White)
- Outer Jacket Color : Black
- Sub-unit Color
 - Single Mode : Yellow
 - 62.5 / 125 μm 1 Gbe : Orange
 - 50 / 125 μm 1 Gbe : Orange
 - 50 / 125 μm 10 Gbe : Aqua

Sub-unit Identification

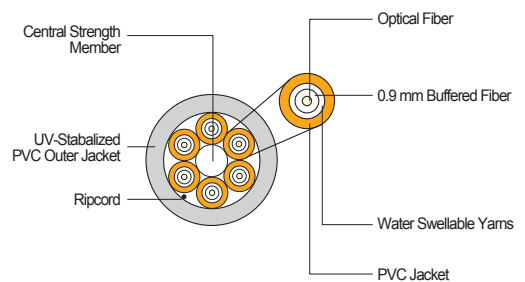
- The identification code & number is printed on the sub-unit jacket every 10 cm (eg. 62.5MM#1, 62.5MM#2)

Specification

- ISO / IEC 11801
- Telcordia GR-409-CORE
- ANSI / ICEA S-83-596

Sub-unit Identification

- The identification code & number is printed on the sub-unit jacket every 10 cm (eg. 62.5MM#1, 62.5MM#2)



LSC Part No.

Riser Rated : BI R

Plenum Rated : BI P

- ① Select Fiber Type
 09 = 9/125 μm
 62 = 62.5/125 μm Standard 1 Gbe
 6X = 62.5/125 μm 1 Gbe Extended Distance

- 50 = 50/125 μm Standard 1 Gbe
 XG = 50/125 μm 10 Gbe 300 meter Link Length
 X5 = 50/125 μm 10 Gbe 500 meter Link Length

- ② Fiber Count : 2-3 Digit Number
 ③ Sheath Color
 BK = Black

Mechanical Characteristics

Storage Temperature : -40 to +80 °C / Operating Temperature : -20 to +70 °C

	Fiber Count	LSC Part Number	Nominal Outer Diameter		Nominal Weight		Maximum Tensile Load				Minimum Bend Radius			
			[mm]	[inch]	[kg/km]	[lb/kt]	Short Term [N]	Long Term [N]	Short Term [lb]	Long Term [lb]	Loaded [cm]	Installed [cm]		
Riser Rated	2	BI <input type="checkbox"/> <input type="checkbox"/> R02 <input type="checkbox"/> <input type="checkbox"/>	7.0	0.276	45	30	660	150	300	68	14	0.551	7	0.276
	4	BI <input type="checkbox"/> <input type="checkbox"/> R04 <input type="checkbox"/> <input type="checkbox"/>	7.0	0.276	45	30	660	150	300	68	14	0.551	7	0.276
	6	BI <input type="checkbox"/> <input type="checkbox"/> R06 <input type="checkbox"/> <input type="checkbox"/>	8.0	0.315	65	44	660	150	300	68	16	0.630	8	0.315
	12	BI <input type="checkbox"/> <input type="checkbox"/> R12 <input type="checkbox"/> <input type="checkbox"/>	10.3	0.406	90	61	1,320	299	660	150	22	0.866	11	0.433
	24	BI <input type="checkbox"/> <input type="checkbox"/> R24 <input type="checkbox"/> <input type="checkbox"/>	14.1	0.555	170	114	1,320	299	660	150	30	1.181	15	0.591
Plenum Rated	2	BI <input type="checkbox"/> <input type="checkbox"/> P02 <input type="checkbox"/> <input type="checkbox"/>	7.0	0.276	50	34	660	150	300	68	14	0.551	7	0.276
	4	BI <input type="checkbox"/> <input type="checkbox"/> P04 <input type="checkbox"/> <input type="checkbox"/>	7.0	0.276	50	34	660	150	300	68	14	0.551	7	0.276
	6	BI <input type="checkbox"/> <input type="checkbox"/> P06 <input type="checkbox"/> <input type="checkbox"/>	8.0	0.315	75	50	660	150	300	68	16	0.630	8	0.315
	12	BI <input type="checkbox"/> <input type="checkbox"/> P12 <input type="checkbox"/> <input type="checkbox"/>	10.3	0.406	105	71	1,320	299	660	150	22	0.866	11	0.433
	24	BI <input type="checkbox"/> <input type="checkbox"/> P24 <input type="checkbox"/> <input type="checkbox"/>	14.1	0.555	195	131	1,320	299	660	150	30	1.181	15	0.591