

FIBER INTERCONNECT PRODUCTS



Opterna[®]
your reliable connection

Fiber Optic Multi Loose Tube Cable
Single Jacket Single Armor Multi Loose Tube Cable

Description / Applications

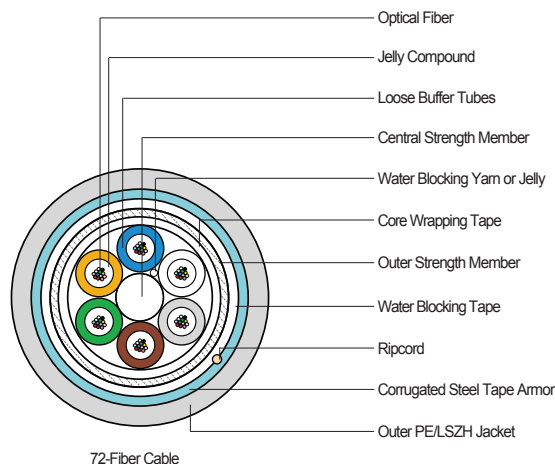
- Single jacket single armor loose tube fiber optic cable provides stable and highly reliable transmission parameters for a variety of voice, data, video and imaging applications.
- The cable offers durability and flexibility required for many outside plant uses where added compressive strength, rodent resistance
- RoHS (Restriction of the use of Certain Hazardous Substances Directive) Complied

Specification

- Telcordia GR-20-CORE
- IEC 60793 / IEC 60794
- IEC 332-1,3
- IEEE 383

Color Identification

01 - Blue	05 - Slate	09 - Yellow
02 - Orange	06 - White	10 - Violet
03 - Green	07 - Red	11 - Pink
04 - Brown	08 - Black	12 - Aqua



Mechanical Characteristics

Storage Temperature : -40 to + 75°C / Operating Temperature : -20 to + 70°C

Fiber Count	Nominal* Outer diameter		Nominal* Weight		Maximum Tensile Load				Crush Load				Minimum Bend Radius			
	[mm]	[inch]	[kg/km]	[lb/1000 ft]	Short Term [N]	Long Term [lb]	Short Term [N]	Long Term [lb]	Short Term [N/cm]	Long Term [lb/inch]	Short Term [N/cm]	Long Term [lb/inch]	Loaded [cm]	Installed [inch]	Loaded [cm]	Installed [inch]
6	12.7	0.50	157/215	105/144	2,700	125	1,000	46	220	125	110	63	25.4	10.00	12.7	5.00
12	12.7	0.50	157/215	105/144	2,700	125	1,000	46	220	125	110	63	25.4	10.00	12.7	5.00
24	12.7	0.50	157/215	105/144	2,700	125	1,000	46	220	125	110	63	25.4	10.00	12.7	5.00
36	12.7	0.50	157/215	105/144	2,700	125	1,000	46	220	125	110	63	25.4	10.00	12.7	5.00
48	13.2	0.52	163/223	109/150	2,700	125	1,000	46	220	125	110	63	26.4	10.39	13.2	5.20
72	13.2	0.52	163/223	109/150	2,700	125	1,000	46	220	125	110	63	26.4	10.39	13.2	5.20
96	14.3	0.56	190/260	128/175	2,700	125	1,000	46	220	125	110	63	28.6	11.26	14.3	5.63
120	15.8	0.62	225/308	151/207	2,700	125	1,000	46	220	125	110	63	31.6	12.44	15.8	6.22
144	17.2	0.68	260/356	175/239	2,700	125	1,000	46	220	125	110	63	34.4	13.54	17.2	6.77
228	18.0	0.71	279/382	187/257	2,700	125	1,000	46	220	125	110	63	36.0	14.17	18.0	7.09
276	19.2	0.76	319/437	214/293	2,700	125	1,000	46	220	125	110	63	38.4	15.12	19.2	7.56
300	19.9	0.78	340/466	228/313	2,700	125	1,000	46	220	125	110	63	39.8	15.67	19.9	7.83

*Denotes nominal value for PE / LSZH Jacketed Cable.

Ordering Information

FC-XXX-MLT-SA-YYY-PE
FC-XXX-MLT-SA-YYY-LZ

XXX : OS1, OM1, OM2, OM3
YYY : Number of Cores

Shipping Information

Standard Reel Length 4000m

*Other Cable lengths may be available upon request