

# FIBER INTERCONNECT PRODUCTS



## Fiber Optic Multi Loose Tube Cable All Dielectric Single Jacket Non-Armor Multi Loose Tube

### Description / Applications

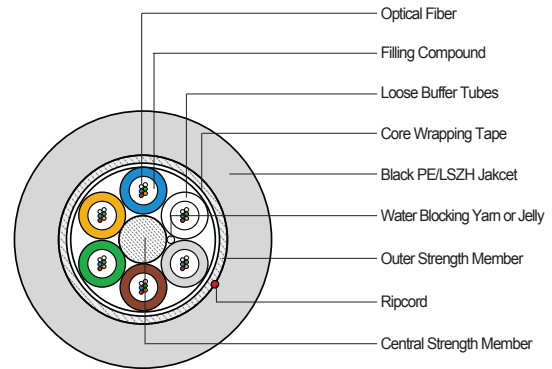
- All dielectric Single Jacket Multi Loose Tube cable is a UV-stabilized, fully water blocked cable for In/Outdoor duct applications.
- Loose tube design provides stable and highly reliable transmission parameters for a variety of voice, data, video and imaging applications.
- This lightweight cable offers durability and flexibility required for many outside plant uses.
- RoHS (Restriction of the use of Certain Hazardous Substances Directive) Complied

### Specification

- Telcordia GR-20-CORE
- IEC 60793 / IEC 60794
- IEC 60332-1,3
- 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



36-Fiber Cable

### 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	10.5/11.2	0.41/0.44	86/115	58/77	2,700	125	1,000	46	110	63	55	31	21/22.4	8.27/8.82	10.5/11.2	4.13/4.41
12	10.5/11.2	0.41/0.44	86/115	58/77	2,700	125	1,000	46	110	63	55	31	21/22.4	8.27/8.82	10.5/11.2	4.13/4.41
24	10.5/11.2	0.41/0.44	86/115	58/77	2,700	125	1,000	46	110	63	55	31	21/22.4	8.27/8.82	10.5/11.2	4.13/4.41
36	10.5/11.2	0.41/0.44	86/115	58/77	2,700	125	1,000	46	110	63	55	31	21/22.4	8.27/8.82	10.5/11.2	4.13/4.41
48	11.0/11.7	0.43/0.46	92/130	62/87	2,700	125	1,000	46	110	63	55	31	22/23.4	8.66/9.21	11.0/11.7	4.33/4.61
72	11.0/11.7	0.43/0.46	92/130	62/87	2,700	125	1,000	46	110	63	55	31	22/23.4	8.66/9.21	11.0/11.7	4.33/4.61
96	12.1/13.7	0.48/0.54	113/167	76/112	2,700	125	1,000	46	110	63	55	31	24/27.4	9.53/10.79	12.1/13.7	4.76/5.39
120	13.6	0.54	139	93	2,700	125	1,000	46	110	63	55	31	27	10.71	13.6	5.35
144	15.0	0.59	167	112	2,700	125	1,000	46	110	63	55	31	30	11.81	15	5.9
228	15.8	0.62	178	120	2,700	125	1,000	46	110	63	55	31	32	12.44	15.8	6.22
276	17.0	0.67	212	142	2,700	125	1,000	46	110	63	55	31	34	13.39	17	6.69
300	17.7	0.70	228	153	2,700	125	1,000	46	110	63	55	31	35	13.94	17.7	6.97

\*Denotes nominal value for PE / LSZH Jacketed Cable.

### Ordering Information

FC-XXX-MLT-NA-YYY-PE  
FC-XXX-MLT-NA-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