

FIBER INTERCONNECT PRODUCTS



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Fiber Optic Loose Tube Cable All Dielectric Single Jacketed Central Tube

Description / Application

- All dielectric Single Jacket Central Loose Tube cable is a UV-stabilized, fully water blocked cable for outdoor duct applications (PE outer jacket) or Indoor/Outdoor applications (LSZH outer jacket)
- Loose tube design provides stable and highly reliable transmission parameters for a variety of voice, data, video and imaging applications.
- Compact design for limited conduit space
- RoHS (Restriction of the use of Certain Hazardous Substances Directive) complied

Specifications

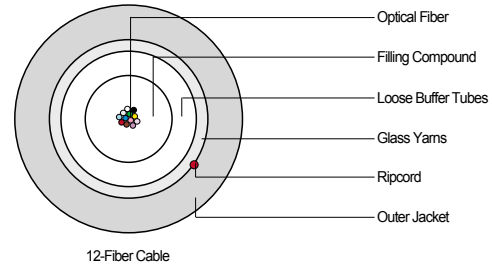
- Telcordia GR-20-CORE
- IEC 60793 / IEC 60794
- ITU-T G652

Options

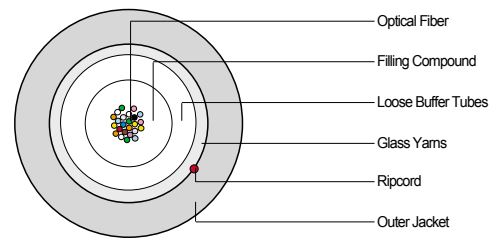
- Fiber - Single mode, 50 μ m, 62.5 μ m multi mode available
- Sequential meter or footage markings
- Outer jacket : Black UV- and moisture-resistant Polyethylene or LSZH (Low Smoke Zero Halogen)

Color Identification

01 - Blue	07 - Red	13 - Blue / Single stripe	19 - Red / Single stripe
02 - Orange	08 - Black	14 - Orange / Single stripe	20 - Natural
03 - Green	09 - Yellow	15 - Green / Single stripe	21 - Yellow / Single stripe
04 - Brown	10 - Violet	16 - Brown / Single stripe	22 - Violet / Single stripe
05 - Slate	11 - Rose	17 - Slate / Single stripe	23 - Rose / Single stripe
06 - White	12 - Aqua	18 - White / Single stripe	24 - Aqua / Single stripe



12-Fiber Cable



24-Fiber Cable

Mechanical Characteristic

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

Fiber Count	Nominal Diameter		Nominal Weight		Maximum Tensile Load		Crush Load		Minimum Bend Radius			
	[mm]	[inch]	[kg/km]	[lb/ktft]	Short Term [N]	Long Term [N]	Short Term [N/cm]	Long Term [N/cm]	Loaded [mm]	Installed [inch]		
2	6.3	0.25	45	0.10	1200	600	220	110	126	4.96	63	2.51
4	6.3	0.25	45	0.10	1200	600	220	110	126	4.96	63	2.51
6	6.3	0.25	45	0.10	1200	600	220	110	126	4.96	63	2.51
8	6.3	0.25	45	0.10	1200	600	220	110	126	4.96	63	2.51
10	6.3	0.25	45	0.10	1200	600	220	110	126	4.96	63	2.51
12	6.3	0.25	45	0.10	1200	600	220	110	126	4.96	63	2.51
16	6.8	0.27	55	0.12	1200	600	220	110	136	5.35	68	2.71
18	6.8	0.27	55	0.12	1200	600	220	110	136	5.35	68	2.71
24	6.8	0.27	55	0.12	1200	600	220	110	136	5.35	68	2.71

Transmission Performance

	9/125 μ m (1310/1550nm)	50/125 μ m Standard (850/1300nm)	50/125 μ m Gigabit (850/1300nm)	50/125 μ m 10Gigabit (850/1300nm)	62.5/125 μ m Standard (850/1300nm)	52.5/125 μ m Gigabit (850/1300nm)
Attenuation(dB/km) Typical values	0.4/0.3	3.0/1.0	3.0/1.0	3.0/1.0	3.5/1.0	3.5/1.0
Minimum Bandwidth (MHz • km)	-	500/500	500/500	1500/500	200/500	200/500
Ethernet Link Distance (m)	10Gbps	-	-	300	-	-
	1Gbps	-	-	550/550	-	250/550

Ordering Information

LSZH RATED : FC XXX CLT GA YYY LZ XXX : OS1, OM1, OM2, OM3
 RISER RATED : FC XXX CLT GA YYY NR YYY : Number of Cores
 PLENUM RATED: FC XXX CLT GA YYY NP

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