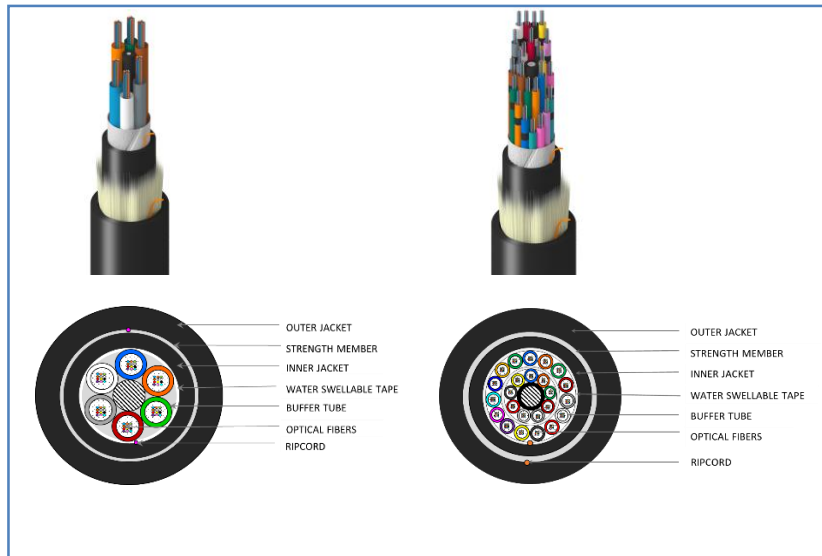


Group#6



Key Benefits:

- Low Temperature -50C
- Low Smoke Zero Halogen
- Chemical Resistant
- Abrasion Resistant
- Tray Grade
- Direct Burial
- Indoor/Outdoor Rated
- Rodent Resistant
- Anti-fungal
- UV Resistant
- Ozone Resistant

Standards:

- MSHA 30 CFR Pt 7-K
- NFPA 130/502
- TIA/EIA-568.3-D
- NEC/CEC OFNR-ST1 /OFNR-ST1 FT4
- UL 1651/CSA C22-2 No. 232
- ICEA S-104-696
- RoHS EU Directive 2015/863/EU (RoHS 2 amendment)
- REACH EC1907-2006

Temperature Range	
Operating	-50°C to +85°C
Storage	-50°C to +85°C
Installation	-30°C to +60°C, -25°C Impact

Glass Type	Fiber Grade Code (*)	Jacket†	Operating Wavelength (nm)	Max Attenuation (dB/km)	Min. OFL Bandwidth (MHz-km)	Min. Laser Bandwidth (MHz-km)	1 Gigabit Ethernet Min. Link Length (meters)	10 Gigabit Ethernet Min. Link Length (meters)
OS2 - Single Mode	S	Black	1310/1550	0.35/0.25	-	-	5,000/-	10,000/40,000
OM1 - 62.5/125µm Multi-Mode	1	Black	850/1300	3.25/1.0	200/500	220/-	300/550	33/-
OM3 - 50/125µm Multi-Mode	3	Black	850/1300	3.0/1.0	1500/500	2000/-	1000/550	300/-
OM4 - 50/125µm Multi-Mode	4	Black	850/1300	3.0/1.0	3500/500	4700/-	1100/550	550/-
OM5 - 50/125µm Multi-Mode	5	Black	850/1300	3.0/1.0	3500/500	4700/-	1100/550	550/-



**TE (Mining Grade)
MLT All Dielectric Gel-Free
LSZH Jacket**

Revision Number: 3 Revision Date: 10.06.2025

Group# 6

Double Jacket, All Dielectric

Fiber Count	Part Number Substitute (*) with Fiber Grade Code	Nom. Jacket Dia. in (mm)	Weight lbs/1000ft (kg/km)	Max. Installation Load lbf (N)	Max. Residual (Long Term) Load lbf (N)	Crush Resistance	Min. Bend Radius Load	Min. Long Term Bend Radius
2	TE-*LC-002-LX5N	0.539 (13.7)	109 (162)	1000 (4450)	300 (1330)	440 N/cm	15x Cable OD	10x Cable OD
4	TE-*LC-004-LX5N	0.539 (13.7)	109 (162)	1000 (4450)	300 (1330)	440 N/cm	15x Cable OD	10x Cable OD
6	TE-*LC-006-LX5N	0.539 (13.7)	109 (162)	1000 (4450)	300 (1330)	440 N/cm	15x Cable OD	10x Cable OD
12	TE-*LC-012-LX5N	0.539 (13.7)	109 (162)	1000 (4450)	300 (1330)	440 N/cm	15x Cable OD	10x Cable OD
18	TE-*LC-018-LX5N	0.539 (13.7)	109 (162)	1000 (4450)	300 (1330)	440 N/cm	15x Cable OD	10x Cable OD
24	TE-*LC-024-LX5N	0.539 (13.7)	109 (162)	1000 (4450)	300 (1330)	440 N/cm	15x Cable OD	10x Cable OD
12	TE-*LD-012-LX5N	0.539 (13.7)	109 (162)	1000 (4450)	300 (1330)	440 N/cm	15x Cable OD	10x Cable OD
24	TE-*LD-024-LX5N	0.539 (13.7)	109 (162)	1000 (4450)	300 (1330)	440 N/cm	15x Cable OD	10x Cable OD
36	TE-*LD-036-LX5N	0.539 (13.7)	109 (162)	1000 (4450)	300 (1330)	440 N/cm	15x Cable OD	10x Cable OD
48	TE-*LD-048-LX5N	0.539 (13.7)	109 (162)	1000 (4450)	300 (1330)	440 N/cm	15x Cable OD	10x Cable OD
60	TE-*LD-060-LX5N	0.539 (13.7)	109 (162)	1000 (4450)	300 (1330)	440 N/cm	15x Cable OD	10x Cable OD
72	TE-*LD-072-LX5N	0.556 (14.1)	114 (170)	1000 (4450)	300 (1330)	440 N/cm	15x Cable OD	10x Cable OD
96	TE-*LD-096-LX5N	0.590 (15.0)	137 (204)	1000 (4450)	300 (1330)	440 N/cm	15x Cable OD	10x Cable OD
144	TE-*LD-144-LX5N	0.726 (18.4)	192 (286)	1000 (4450)	300 (1330)	440 N/cm	15x Cable OD	10x Cable OD
288	TE-*LD-288-LX5N	0.849 (21.5)	223 (332)	1000 (4450)	300 (1330)	440 N/cm	15x Cable OD	10x Cable OD

†Custom color jackets available