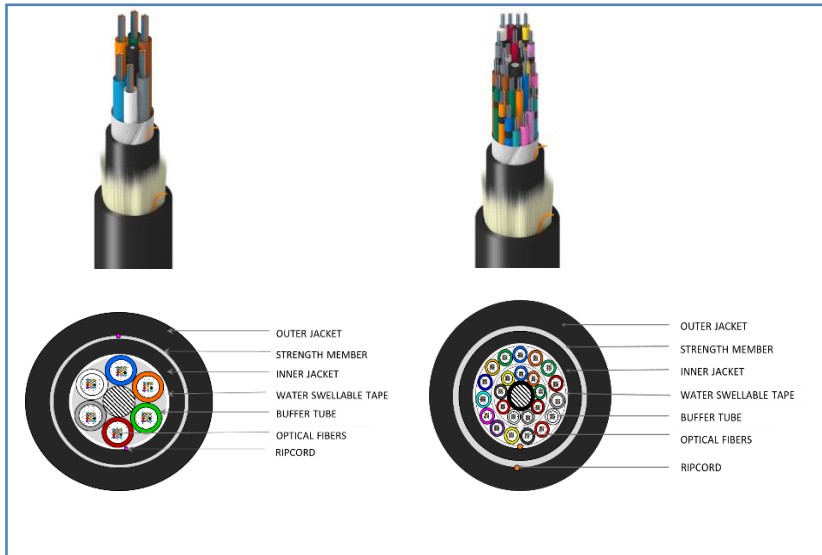


Group#16



## Key Benefits:

- Low Temperature -50C
- Oil Resistant
- 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
- OIL RES 1 & 2 Compliant Outer Jacket
- TIA/EIA-568.3-D
- NEC/CEC OFNR /OFNR FT4
- UL 1651/CSA C22-2 No. 232
- ICEA S-104-696
- ROHS II 2011/65/EU
- ROHS III 2015/863/EU
- 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	-	-	5000/-	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 CPE Jacket

Revision Number: 6 Revision Date: 11.24.2025

Group# 16

## 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
6	TE-*LC-006-RX2N	0.521 (13.2)	102 (152)	1000 (4450)	300 (1330)	440 N/cm	15x Cable OD	10x Cable OD
12	TE-*LD-012-RX2N	0.521 (13.2)	102 (152)	1000 (4450)	300 (1330)	440 N/cm	15x Cable OD	10x Cable OD
24	TE-*LD-024-RX2N	0.521 (13.2)	102 (152)	1000 (4450)	300 (1330)	440 N/cm	15x Cable OD	10x Cable OD
36	TE-*LD-036-RX2N	0.521 (13.2)	102 (152)	1000 (4450)	300 (1330)	440 N/cm	15x Cable OD	10x Cable OD
48	TE-*LD-048-RX2N	0.521 (13.2)	102 (152)	1000 (4450)	300 (1330)	440 N/cm	15x Cable OD	10x Cable OD
60	TE-*LD-060-RX2N	0.521 (13.2)	102 (152)	1000 (4450)	300 (1330)	440 N/cm	15x Cable OD	10x Cable OD
72	TE-*LD-072-RX2N	0.538 (13.7)	108 (160)	1000 (4450)	300 (1330)	440 N/cm	15x Cable OD	10x Cable OD
96	TE-*LD-096-RX2N	0.612 (15.5)	130 (195)	1000 (4450)	300 (1330)	440 N/cm	15x Cable OD	10x Cable OD
144	TE-*LD-144-RX2N	0.708 (18.0)	184 (273)	1000 (4450)	300 (1330)	440 N/cm	15x Cable OD	10x Cable OD
288	TE-*LD-288-RX2N	0.831 (21.1)	212 (315)	1000 (4450)	300 (1330)	440 N/cm	15x Cable OD	10x Cable OD

†Custom color jackets are available.