



Key Benefits:

- NFPA 130/502 Compliant
- LSZH
- Direct Burial
- Indoor/Outdoor Rated

Standards:

- NFPA 130/502
- TIA/EIA-568.3-D
- NEC/CEC OFNG-ST1/OFNG-ST1 FT4
- ICEA S-104-696
- ROHS II 2011/65/EU
- ROHS III 2015/863/EU
- REACH EC1907-2006

Temperature Range	
Operating	-40°C to +70°C
Storage	-40°C to +70°C
Installation	-10°C to +60°C

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	0.4/0.3	-	-	5000/-	10,000/40,000
OM1 - 62.5/125µm Multi-Mode	1	Black	850/1300	3.25/1.0	200/500	220/-	275/550	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/-

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TT (Transit Grade)
MLT All Dielectric Gel-Filled

Revision Number: 3 Revision Date: 8.8.2023

Single Jacket, All Dielectric								
Fiber Count	Part Number Substitute (*) with Fiber Grade	Nom. Jacket Dia. in (mm)	Weight lbs/1000ft (kg/km)	Max. Install Load lbf (N)	Max. Long Term Load lbf (N)	Crush Resistance	Min. Bend Radius Load	Min. Long Term Bend Radius
2	TT-*LF-002-HNNN	0.454 (11.5)	87 (129)	600 (2670)	180 (800)	220 N/cm	15x Cable OD	10x Cable OD
4	TT-*LF-004-HNNN	0.454 (11.5)	87 (129)	600 (2670)	180 (800)	220 N/cm	15x Cable OD	10x Cable OD
6	TT-*LF-006-HNNN	0.454 (11.5)	87 (129)	600 (2670)	180 (800)	220 N/cm	15x Cable OD	10x Cable OD
8	TT-*LG-008-HNNN	0.454 (11.5)	87 (129)	600 (2670)	180 (800)	220 N/cm	15x Cable OD	10x Cable OD
12	TT-*LG-012-HNNN	0.454 (11.5)	87 (129)	600 (2670)	180 (800)	220 N/cm	15x Cable OD	10x Cable OD
24	TT-*LG-024-HNNN	0.454 (11.5)	86 (128)	600 (2670)	180 (800)	220 N/cm	15x Cable OD	10x Cable OD
36	TT-*LG-036-HNNN	0.454 (11.5)	84 (125)	600 (2670)	180 (800)	220 N/cm	15x Cable OD	10x Cable OD
Fiber counts 12-36 are also available in a 6F/Tube Design								

†Custom color jackets available

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