



- LSZH Thermoplastic Inner/Outer Jackets
- UV Resistant Black Jackets*
- Bronze Braid Armor (optional)
- Aramid Ripcord
- Aramid Strength Members
- Water blocking Tape
- Thixotropic Water-blocking Filled Buffer Tubes
- Epoxy Fiberglass Central Strength Member

Standards:

- ABS Type Approved
- IEEE 45
- Bronze Braid in accordance w/ IEEE 1580
- ICEA S-104-696
- UL & cUL: OFNG/OFCG -ST1 FT4
- Flame Rating per UL 1666, 1685, FT4/IEEE 1202
- EU Directive 2015/863/EU, EU Directive 2011/65/EU (ROHS II)
- ANSI/TIA-568.3-D, ANSI/TIA-598-D
- Wet Location and Direct Burial

Temperature Range	
Operating	-40°C to +70°C -40°F to +158°F
Storage	-40°C to +70°C -40°F to +158°F
Installation	-10°C to +60°C 14°F to +140°F

Glass Type	Fiber Grade Code	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)	Subunit Color
OS2 - Single Mode	S	1310/1550	0.4/0.3	-	-	10,000/40,000	5,000/-	Yellow
OM1 – 62.5/125µm Multi-Mode	1	850/1300	3.25/1.0	200/500	220/500	300/550	33/-	Orange
OM3 - 50/125µm Multi-Mode	3	850/1300	3.0/1.0	1500/500	2000/-	1000/550	300/-	Aqua
OM4 - 50/125µm Multi-Mode	4	850/1300	3.0/1.0	3500/500	4700/-	1100/550	550/-	Erika Violet

*Custom color jackets available

LSZH Single Jacket (UL) OFNG-ST1 c(UL) OFNG-ST1 FT4

Fiber Count	Part Number Substitute (*) with fiber grade code	Nom. Jacket Dia. in (mm)	Weight lbs/1000ft (kg/km)	Max. Install Load lbs (N)	Max. Long Term Load lbs (N)	Crush Resistance	Min. Bend Radius Load	Min. Long Term Bend Radius
2	TM-*LF-002-HNAN	0.460 (11.7)	89 (132)	600 (2670)	180 (800)	220 N/cm	15x Cable OD	10x Cable OD
4	TM-*LF-004-HNAN	0.460 (11.7)	89 (132)	600 (2670)	180 (800)	220 N/cm	15x Cable OD	10x Cable OD
6	TM-*LF-006-HNAN	0.460 (11.7)	89 (132)	600 (2670)	180 (800)	220 N/cm	15x Cable OD	10x Cable OD
8	TM-*LG-008-HNAN	0.460 (11.7)	89 (132)	600 (2670)	180 (800)	220 N/cm	15x Cable OD	10x Cable OD
12	TM-*LG-012-HNAN	0.460 (11.7)	89 (132)	600 (2670)	180 (800)	220 N/cm	15x Cable OD	10x Cable OD
24	TM-*LG-024-HNAN	0.460 (11.7)	88 (131)	600 (2670)	180 (800)	220 N/cm	15x Cable OD	10x Cable OD
36	TM-*LG-036-HNAN	0.460 (11.7)	86 (128)	600 (2670)	180 (800)	220 N/cm	15x Cable OD	10x Cable OD
48	TM-*LG-048-HNAN	0.460 (11.7)	85 (126)	600 (2670)	180 (800)	220 N/cm	15x Cable OD	10x Cable OD
60	TM-*LG-060-HNAN	0.460 (11.7)	84 (125)	600 (2670)	180 (800)	220 N/cm	15x Cable OD	10x Cable OD
72	TM-*LG-072-HNAN	0.460 (11.7)	93 (138)	600 (2670)	180 (800)	220 N/cm	15x Cable OD	10x Cable OD
96	TM-*LG-096-HNAN	0.460 (11.7)	112 (167)	600 (2670)	180 (800)	220 N/cm	15x Cable OD	10x Cable OD
144	TM-*LG-144-HNAN	0.460 (11.7)	200 (298)	600 (2670)	180 (800)	220 N/cm	15x Cable OD	10x Cable OD

Bronze Braid Armor LSZH Double Jacket (UL) OFCG-ST1 c(UL) OFCG-ST1 FT4

Fiber Count	Part Number Substitute (*) with fiber grade code	Nom. Jacket Dia. in (mm)	Weight lbs/1000ft (kg/km)	Max. Install Load lbs (N)	Max. Long Term Load lbs (N)	Crush Resistance	Min. Bend Radius Load	Min. Long Term Bend Radius
2	TM-*LF-002-HBAN	0.645 (16.4)	247 (368)	600 (2670)	180 (800)	440 N/cm	20x Cable OD	10x Cable OD
4	TM-*LF-004-HBAN	0.645 (16.4)	247 (368)	600 (2670)	180 (800)	440 N/cm	20x Cable OD	10x Cable OD
6	TM-*LF-006-HBAN	0.645 (16.4)	247 (368)	600 (2670)	180 (800)	440 N/cm	20x Cable OD	10x Cable OD
8	TM-*LG-008-HBAN	0.645 (16.4)	247 (368)	600 (2670)	180 (800)	440 N/cm	20x Cable OD	10x Cable OD
12	TM-*LG-012-HBAN	0.645 (16.4)	247 (368)	600 (2670)	180 (800)	440 N/cm	20x Cable OD	10x Cable OD
24	TM-*LG-024-HBAN	0.645 (16.4)	246 (366)	600 (2670)	180 (800)	440 N/cm	20x Cable OD	10x Cable OD
36	TM-*LG-036-HBAN	0.645 (16.4)	244 (363)	600 (2670)	180 (800)	440 N/cm	20x Cable OD	10x Cable OD
48	TM-*LG-048-HBAN	0.645 (16.4)	243 (362)	600 (2670)	180 (800)	440 N/cm	20x Cable OD	10x Cable OD
60	TM-*LG-060-HBAN	0.645 (16.4)	242 (360)	600 (2670)	180 (800)	440 N/cm	20x Cable OD	10x Cable OD