



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

*Custom color jackets available

LSZH Single Jacket (UL) OFNG-ST1 c(UL) OFNG-ST1 FT4 – 6F Subunits							
Fiber Count	Part Number	Nom. Jacket Dia. in (mm)	Weight lbs/1000ft (kg/km)	Max. Install Load lbs (N)	Max. Long Term Load lbs (N)	Min. Bend Radius Load	Min. Long Term Bend Radius
6	TM-xLF-006-HNAN	0.460(11.7)	86 (128)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
12	TM-xLF-012-HNAN	0.460 (11.7)	84 (125)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
18	TM-xLF-018-HNAN	0.460 (11.7)	82 (122)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
1) Replace x with Fiber Grade							

LSZH Single Jacket (UL) OFNG-ST1 c(UL) OFNG-ST1 FT4 – 12F Subunits							
Fiber Count	Part Number	Nom. Jacket Dia. in (mm)	Weight lbs/1000ft (kg/km)	Max. Install Load lbs (N)	Max. Long Term Load lbs (N)	Min. Bend Radius Load	Min. Long Term Bend Radius
12	TM-xLG-012-HNAN	0.460 (11.7)	86 (128)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
24	TM-xLG-024-HNAN	0.460 (11.7)	84 (125)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
36	TM-xLG-036-HNAN	0.460 (11.7)	82 (122)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
1) Replace x with Fiber Grade							

Bronze Braid Armor LSZH Double Jacket (UL) OFCG-ST1 c(UL) OFCG-ST1 FT4 - 6F Subunits							
Fiber Count	Part Number	Nom. Jacket Dia. in (mm)	Weight lbs/1000ft (kg/km)	Max. Install Load lbs (N)	Max. Long Term Load lbs (N)	Min. Bend Radius Load	Min. Long Term Bend Radius
6	TM-xLF-006-HBAN	0.645 (16.4)	248 (369)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
12	TM-xLF-012-HBAN	0.645 (16.4)	245 (365)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
18	TM-xLF-018-HBAN	0.645 (16.4)	243 (362)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
1) Replace x with Fiber Grade							

Bronze Braid Armor LSZH Double Jacket (UL) OFCG-ST1 c(UL) OFCG-ST1 FT4 - 12F Subunits							
Fiber Count	Part Number	Nom. Jacket Dia. in (mm)	Weight lbs/1000ft (kg/km)	Max. Install Load lbs (N)	Max. Long Term Load lbs (N)	Min. Bend Radius Load	Min. Long Term Bend Radius
12	TM-xLG-012-HBAN	0.645 (16.4)	248 (369)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
24	TM-xLG-024-HBAN	0.645 (16.4)	245 (365)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
36	TM-xLG-036-HBAN	0.645 (16.4)	243 (362)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
1) Replace x with Fiber Grade							