



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

**Standards:**

- ABS Type Approved
- IEEE 45
- Bronze Braid in Accordance w/ IEEE 1580
- ICEA S-104-696
- UL & cUL: OFNR/OFCR -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 Locations 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 Jacket Riser (UL) OFNR-ST1 c(UL) OFNR-ST1 FT4 – 2mm 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-xBB-006-LNAN	0.368 (9.3)	65 (97)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
12	TM-xBB-012-LNAN	0.550 (14.0)	101 (150)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
1) Replace “x” with fiber grade code							

**Bronze Braid Armored LSZH Jacket (UL) OFCR-ST1 c(UL) OFCR-ST1 FT4 – 2mm 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-xBB-006-LBAN	0.553 (14.0)	190 (283)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
12	TM-xBB-012-LBAN	0.735 (18.7)	285 (424)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
1) Replace “x” with fiber grade code							