



- 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
Storage	-40°C to +70°C
Installation	-10°C to +60°C

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 Jacket Riser (UL) OFNR-ST1 c(UL) OFNR-ST1 FT4 – 2mm Subunits**

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-*BB-002-LNAN	0.260 (6.6)	27 (40)	600 (2670)	180 (800)	220 N/cm	15x Cable OD	10x Cable OD
4	TM-*BB-004-LNAN	0.321 (8.2)	38 (57)	600 (2670)	180 (800)	220 N/cm	15x Cable OD	10x Cable OD
6	TM-*BB-006-LNAN	0.368 (9.3)	61 (91)	600 (2670)	180 (800)	220 N/cm	15x Cable OD	10x Cable OD
8	TM-*BB-008-LNAN	0.435 (11.0)	79 (118)	600 (2670)	180 (800)	220 N/cm	15x Cable OD	10x Cable OD
12	TM-*BB-012-LNAN	0.550 (14.0)	125 (186)	600 (2670)	180 (800)	220 N/cm	15x Cable OD	10x Cable OD
18	TM-*BB-018-LNAN	0.530 (13.5)	118 (176)	600 (2670)	180 (800)	220 N/cm	15x Cable OD	10x Cable OD

**Bronze Braid Armored LSZH Jacket (UL) OFCR-ST1 c(UL) OFCR-ST1 FT4 – 2mm Subunits**

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-*BB-002-LBAN	0.455 (11.6)	126 (188)	600 (2670)	180 (800)	440 N/cm	20x Cable OD	10x Cable OD
4	TM-*BB-004-LBAN	0.516 (13.1)	154 (229)	600 (2670)	180 (800)	440 N/cm	20x Cable OD	10x Cable OD
6	TM-*BB-006-LBAN	0.553 (14.0)	191 (284)	600 (2670)	180 (800)	440 N/cm	20x Cable OD	10x Cable OD
8	TM-*BB-008-LBAN	0.630 (16.0)	231 (344)	600 (2670)	180 (800)	440 N/cm	20x Cable OD	10x Cable OD
12	TM-*BB-012-LBAN	0.735 (18.7)	307 (457)	600 (2670)	180 (800)	440 N/cm	20x Cable OD	10x Cable OD
18	TM-*BB-018-LBAN	0.725 (18.4)	297 (442)	600 (2670)	180 (800)	440 N/cm	20x Cable OD	10x Cable OD