



- LSZH Thermoplastic Inner/Outer Jackets
- UV Resistant Black Jackets\*
- Bronze Braid Armor (optional)
- Aramid Ripcord
- Water-blocking Aramid Strength Members
- LSZH Thermoplastic Tight Buffer

**Standards:**

- ABS Type Approved
- IEEE 45
- Bronze Braid in accordance w/ IEEE 1580
- ICEA S-104-696
- UL & cUL: OFNR/OFNR -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	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/Riser Jacket (UL) OFNR-ST1 c(UL) OFNR-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-*D9-002-LNAN	0.205 (5.2)	18 (27)	600 (2670)	180 (800)	220 N/cm	15x Cable OD	10x Cable OD
4	TM-*D9-004-LNAN	0.220 (5.6)	21 (31)	600 (2670)	180 (800)	220 N/cm	15x Cable OD	10x Cable OD
6	TM-*D9-006-LNAN	0.240 (6.1)	25 (37)	600 (2670)	180 (800)	220 N/cm	15x Cable OD	10x Cable OD
8	TM-*D9-008-LNAN	0.255 (6.5)	28 (42)	600 (2670)	180 (800)	220 N/cm	15x Cable OD	10x Cable OD
12	TM-*D9-012-LNAN	0.310 (7.9)	36 (54)	600 (2670)	180 (800)	220 N/cm	15x Cable OD	10x Cable OD
24	TM-*DJ-024-LNAN	0.570 (14.5)	112 (167)	600 (2670)	180 (800)	220 N/cm	15x Cable OD	10x Cable OD
36	TM-*DK-036-LNAN	0.688 (17.5)	162 (241)	600 (2670)	180 (800)	220 N/cm	15x Cable OD	10x Cable OD
48	TM-*DK-048-LNAN	0.688 (17.5)	158 (235)	600 (2670)	180 (800)	220 N/cm	15x Cable OD	10x Cable OD
72	TM-*DK-072-LNAN	0.823 (20.9)	235 (350)	600 (2670)	180 (800)	220 N/cm	15x Cable OD	10x Cable OD
96	TM-*DK-096-LNAN	0.977 (24.8)	350 (521)	600 (2670)	180 (800)	220 N/cm	15x Cable OD	10x Cable OD
144	TM-*DK-144-LNAN	1.100 (27.9)	376 (560)	600 (2670)	180 (800)	220 N/cm	15x Cable OD	10x Cable OD

**Bronze Braid Armored LSZH/Riser Jacket (UL) OFCR-ST1 c(UL) OFNR-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-*D9-002-LBAN	0.360 (9.1)	89 (132)	600 (2670)	180 (800)	440 N/cm	20x Cable OD	10x Cable OD
4	TM-*D9-004-LBAN	0.375 (9.5)	95 (141)	600 (2670)	180 (800)	440 N/cm	20x Cable OD	10x Cable OD
6	TM-*D9-006-LBAN	0.395 (10.0)	104 (155)	600 (2670)	180 (800)	440 N/cm	20x Cable OD	10x Cable OD
8	TM-*D9-008-LBAN	0.410 (10.4)	112 (167)	600 (2670)	180 (800)	440 N/cm	20x Cable OD	10x Cable OD
12	TM-*D9-012-LBAN	0.465 (11.8)	134 (199)	600 (2670)	180 (800)	440 N/cm	20x Cable OD	10x Cable OD