



- 1) UV Resistant LSZH Thermoplastic Black Jacket†
- 2) Optional Aluminum Interlocked Armor
- 3) Aramid Strength Members
- 4) Water blocking Tape
- 5) Fiber Reinforced Polymer Central Strength Member (Multiunit cables)
- 6) Color-coded LSZH subunit jackets (Multiunit cables)
- 7) Aramid Ripcord

Temperature Range	
Operating	-40°C to +70°C
Storage	-40°C to +70°C
Installation	-10°C to +60°C

**Standards:**

- NFPA 130/502
- TIA/EIA-568.3-D
- NEC/CEC OFNR-ST1/OFCR-ST1 FT4
- ICEA S-104-696
- ROHS II 2011/65/EU
- REACH EC1907-2006

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	-	-	5,000/-	10,000/40,000	Yellow
OM1 – 62.5/125mm Multi-Mode	1	850/1300	3.25/1.0	200/500	220/500	300/550	33/-	Orange
OM3 - 50/125mm Multi-Mode	3	850/1300	3.0/1.0	1500/500	2000/-	1000/550	300/-	Aqua
OM4 - 50/125mm Multi-Mode	4	850/1300	3.0/1.0	3500/500	4700/-	1100/550	550/-	Erika Violet

†Custom color jackets available

## Single Jacket All Dielectric LSZH Riser (UL) Type OFNR-ST1 / c(UL) OFNR-ST1 FT4

Fiber Count	Part Number Substitute (*) with Fiber Grade	Nom. Jacket Dia. in (mm)	Weight lbs/1000ft (kg/km)	Max. Install Load lbf (N)	Max. Long Term Load lbf (N)	Min. Bend Radius Load	Min. Long Term Bend Radius
2	TT-*D9-002-LNNN	0.184 (4.7)	14 (21)	300 (1330)	90 (400)	15x Cable OD	10x Cable OD
4	TT-*D9-004-LNNN	0.200 (5.1)	17 (25)	300 (1330)	90 (400)	15x Cable OD	10x Cable OD
6	TT-*D9-006-LNNN	0.220 (5.6)	20 (30)	300 (1330)	90 (400)	15x Cable OD	10x Cable OD
8	TT-*D9-008-LNNN	0.235 (6.0)	23 (34)	300 (1330)	90 (400)	15x Cable OD	10x Cable OD
12	TT-*D9-012-LNNN	0.290 (7.4)	30 (45)	300 (1330)	90 (400)	15x Cable OD	10x Cable OD
24	TT-*D9-024-LNNN	0.360 (9.1)	44 (65)	300 (1330)	90 (400)	15x Cable OD	10x Cable OD
36	TT-*DK-036-LNNN	0.688 (17.5)	162 (241)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
48	TT-*DK-048-LNNN	0.688 (17.5)	158 (235)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
72	TT-*DK-072-LNNN	0.823 (20.9)	235 (350)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
96	TT-*DK-096-LNNN	0.977 (24.8)	350 (521)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
144	TT-*DK-144-LNNN	1.100 (27.9)	376 (559)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD

## Double Jacket Aluminum Interlocked Armor LSZH Riser (UL) Type OFCR-ST1 / c(UL) OFCR-ST1 FT4

Fiber Count	Part Number Substitute (*) with Fiber Grade	Nom. Jacket Dia. in (mm)	Weight lbs/1000ft (kg/km)	Max. Install Load lbf (N)	Max. Long Term Load lbf (N)	Min. Bend Radius Load	Min. Long Term Bend Radius
2	TT-*D9-002-LINN	0.535 (13.6)	107 (159)	300 (1330)	90 (400)	20x Cable OD	15x Cable OD
4	TT-*D9-004-LINN	0.550 (14.0)	114 (170)	300 (1330)	90 (400)	20x Cable OD	15x Cable OD
6	TT-*D9-006-LINN	0.570 (14.5)	123 (183)	300 (1330)	90 (400)	20x Cable OD	15x Cable OD
8	TT-*D9-008-LINN	0.585 (14.9)	129 (192)	300 (1330)	90 (400)	20x Cable OD	15x Cable OD
12	TT-*D9-012-LINN	0.640 (16.3)	149 (222)	300 (1330)	90 (400)	20x Cable OD	15x Cable OD
24	TT-*D9-024-LINN	0.710 (18.0)	181 (269)	300 (1330)	90 (400)	20x Cable OD	15x Cable OD
36	TT-*DK-036-LINN	1.100 (27.9)	394 (586)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
48	TT-*DK-048-LINN	1.100 (27.9)	389 (579)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
72	TT-*DK-072-LINN	1.235 (31.4)	501 (745)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
96	TT-*DK-096-LINN	1.390 (35.3)	653 (972)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
144	TT-*DK-144-LINN	1.510 (38.4)	709 (1055)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD