



- 1) UV Resistant LSZH Thermoplastic Black Jacket<sup>†</sup>
- 2) Optional Corrugated Steel Tape or Aluminum Interlocked Armor
- 3) Aramid Strength Members
- 4) Water blocking Tape
- 5) Fiber Reinforced Polymer Central Strength Member
- 6) Thixotropic Water-blocking Filled Buffer Tubes
- 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 OFNG-ST1/OFCG-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)
OS2 - Single Mode	S	1310/1550	0.4/0.3	-	-	5,000/-	10,000/40,000
OM1 – 62.5/125mm Multi-Mode	1	850/1300	3.25/1.0	200/500	220/500	300/550	33/-
OM3 - 50/125mm Multi-Mode	3	850/1300	3.0/1.0	1500/500	2000/-	1000/550	300/-
OM4 - 50/125mm Multi-Mode	4	850/1300	3.0/1.0	3500/500	4700/-	1100/550	550/-

<sup>†</sup>Custom color jackets available

**Single Jacket All Dielectric LSZH (UL) Type OFCG-ST1 / c(UL) OFCG-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-*LF-002-HNNN	0.454 (11.5)	87 (129)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
4	TT-*LF-004-HNNN	0.454 (11.5)	87 (129)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
6	TT-*LF-006-HNNN	0.454 (11.5)	87 (129)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
8	TT-*LG-008-HNNN	0.454 (11.5)	87 (129)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
12	TT-*LG-012-HNNN	0.454 (11.5)	87 (129)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
24	TT-*LG-024-HNNN	0.454 (11.5)	86 (128)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
36	TT-*LG-036-HNNN	0.454 (11.5)	84 (125)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
48	TT-*LG-048-HNNN	0.454 (11.5)	83 (124)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
60	TT-*LG-060-HNNN	0.454 (11.5)	82 (122)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
72	TT-*LG-072-HNNN	0.481 (12.2)	93 (138)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD

Fiber counts 12-36 are also available in a 6F/Tube Design

**Double Jacket Corrugated Steel Tape Armor LSZH (UL) Type OFCG-ST1 / c(UL) OFCG-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-*LF-002-HTNN	0.630 (16.0)	178 (265)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
4	TT-*LF-004-HTNN	0.630 (16.0)	178 (265)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
6	TT-*LF-006-HTNN	0.630 (16.0)	178 (265)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
8	TT-*LG-008-HTNN	0.630 (16.0)	178 (265)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
12	TT-*LG-012-HTNN	0.630 (16.0)	178 (265)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
24	TT-*LG-024-HTNN	0.630 (16.0)	177 (263)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
36	TT-*LG-036-HTNN	0.630 (16.0)	176 (262)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
48	TT-*LG-048-HTNN	0.630 (16.0)	175 (260)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
60	TT-*LG-060-HTNN	0.630 (16.0)	174 (259)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
72	TT-*LG-072-HTNN	0.660 (16.8)	178 (265)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD

Fiber counts 12-36 are also available in a 6F/Tube Design

**Double Jacket Interlocking Aluminum Armor LSZH (UL) Type OFCG-ST1 / c(UL) OFCG-ST1 FT4**

Fiber Count	Part Number Substitute (*) with Fiber Grade	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
2	TT-*LF-002-HINN	0.805 (20.4)	253 (376)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
4	TT-*LF-004-HINN	0.805 (20.4)	253 (376)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
6	TT-*LF-006-HINN	0.805 (20.4)	253 (376)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
8	TT-*LG-008-HINN	0.805 (20.4)	253 (376)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
12	TT-*LG-012-HINN	0.805 (20.4)	253 (376)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
24	TT-*LG-024-HINN	0.805 (20.4)	252 (375)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
36	TT-*LG-036-HINN	0.805 (20.4)	250 (372)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
48	TT-*LG-048-HINN	0.805 (20.4)	249 (371)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
60	TT-*LG-060-HINN	0.805 (20.4)	248 (369)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
72	TT-*LG-072-HINN	0.895 (22.7)	301 (448)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD

Fiber counts 12-36 are also available in a 6F/Tube Design