



Key Benefits:

- NFPA 130/502 Compliant
- LSZH and Low Smoke - ST1 Rated

Standards:

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

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 (*)	Jacket	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	Black	1310/1550	0.4/0.3	-	-	5000/-	10,000/40,000
OM1 - 62.5/125µm Multi-Mode	1	Black	850/1300	3.25/1.0	200/500	220/-	275/550	33/-
OM3 - 50/125µm Multi-Mode	3	Black	850/1300	3.0/1.0	1500/500	2000/-	1000/550	300/-
OM4 - 50/125µm Multi-Mode	4	Black	850/1300	3.0/1.0	3500/500	4700/-	1100/550	400/-
OM5 - 50/125µm Multi-Mode	5	Black	850/1300	3.0/1.0	3500/500	4700/-	1100/550	400/-

Single Jacket, Corrugated Steel Tape

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-HSNN	0.530 (13.5)	139 (207)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
4	TT-*LF-004-HSNN	0.530 (13.5)	139 (207)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
6	TT-*LF-006-HSNN	0.530 (13.5)	139 (207)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
8	TT-*LG-008-HSNN	0.530 (13.5)	139 (207)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
12	TT-*LG-012-HSNN	0.530 (13.5)	139 (207)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
24	TT-*LG-024-HSNN	0.530 (13.5)	139 (207)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
36	TT-*LG-036-HSNN	0.530 (13.5)	139 (207)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
48	TT-*LG-048-HSNN	0.530 (13.5)	139 (207)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
60	TT-*LG-060-HSNN	0.530 (13.5)	139 (207)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
72	TT-*LG-072-HSNN	0.580 (14.7)	143 (138)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
96	TT-*LG-096-HSNN	0.620 (15.7)	167 (213)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
144	TT-*LG-144-HSNN	0.810 (20.6)	268 (399)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD

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

Double Jacket, Corrugated Steel Tape

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	0.650 (16.5)	204 (303)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
4	TT-*LF-004-HTNN	0.650 (16.5)	204 (303)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
6	TT-*LF-006-HTNN	0.650 (16.5)	204 (303)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
8	TT-*LG-008-HTNN	0.650 (16.5)	204 (303)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
12	TT-*LG-012-HTNN	0.650 (16.5)	204 (303)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
24	TT-*LG-024-HTNN	0.650 (16.5)	204 (303)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
36	TT-*LG-036-HTNN	0.650 (16.5)	204 (303)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
48	TT-*LG-048-HTNN	0.650 (16.5)	204 (303)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
60	TT-*LG-060-HTNN	0.650 (16.5)	204 (303)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
72	TT-*LG-072-HTNN	0.690 (17.5)	208 (311)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
96	TT-*LG-096-HTNN	0.770 (19.6)	242 (360)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
144	TT-*LG-144-HTNN	0.930 (23.6)	659 (534)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD

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

Double Jacket, Aluminum Interlocked Armor

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	10x Cable OD
4	TT-*LF-004-HINN	0.805 (20.4)	253 (376)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
6	TT-*LF-006-HINN	0.805 (20.4)	253 (376)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
8	TT-*LG-008-HINN	0.805 (20.4)	253 (376)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
12	TT-*LG-012-HINN	0.805 (20.4)	253 (376)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
24	TT-*LG-024-HINN	0.805 (20.4)	253 (376)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
36	TT-*LG-036-HINN	0.805 (20.4)	253 (376)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
48	TT-*LG-048-HINN	0.805 (20.4)	253 (376)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
60	TT-*LG-060-HINN	0.805 (20.4)	253 (376)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
72	TT-*LG-072-HINN	0.895 (22.7)	301 (448)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
96	TT-*LG-096-HINN	0.960 (24.4)	338 (503)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
144	TT-*LG-144-HINN	1.115 (28.3)	472 (702)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD

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

†Custom color jackets available