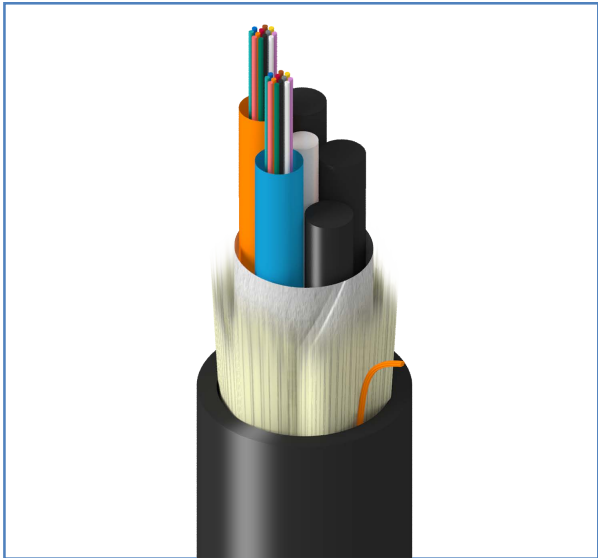




Key Benefits:

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

Standards:

- NFPA 130/502
- TIA/EIA-568.3-D
- NEC/CEC OFNR-ST1/OFNR-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	0.35/0.25	-	-	5000/-	10,000/40,000

Single Jacket, All Dielectric

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-*LC-002-LRNN	0.431 (11.0)	73 (109)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
4	TT-*LC-004-LRNN	0.431 (11.0)	73 (109)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
6	TT-*LC-006-LRNN	0.431 (11.0)	73 (109)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
8	TT-*LD-008-LRNN	0.431 (11.0)	73 (109)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
12	TT-*LD-012-LRNN	0.431 (11.0)	73 (109)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
24	TT-*LD-024-LRNN	0.431 (11.0)	73 (109)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
36	TT-*LD-036-LRNN	0.431 (11.0)	73 (109)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
48	TT-*LD-048-LRNN	0.431 (11.0)	73 (109)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
60	TT-*LD-060-LRNN	0.431 (11.0)	73 (109)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
72	TT-*LD-072-LRNN	0.448 (11.4)	78 (116)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
96	TT-*LD-096-LRNN	0.506 (12.9)	99 (147)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
144	TT-*LD-144-LRNN	0.642 (16.3)	153 (228)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
288	TT-*LD-288-LRNN	0.746 (19.0)	171 (255)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD

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

Double Jacket, All Dielectric

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-*LC-002-LXNN	0.591 (15.0)	146 (217)	1000 (4450)	300 (1335)	15x Cable OD	10x Cable OD
4	TT-*LC-004-LXNN	0.591 (15.0)	146 (217)	1000 (4450)	300 (1335)	15x Cable OD	10x Cable OD
6	TT-*LC-006-LXNN	0.591 (15.0)	146 (217)	1000 (4450)	300 (1335)	15x Cable OD	10x Cable OD
8	TT-*LD-008-LXNN	0.591 (15.0)	146 (217)	1000 (4450)	300 (1335)	15x Cable OD	10x Cable OD
12	TT-*LD-012-LXNN	0.591 (15.0)	146 (217)	1000 (4450)	300 (1335)	15x Cable OD	10x Cable OD
24	TT-*LD-024-LXNN	0.591 (15.0)	146 (217)	1000 (4450)	300 (1335)	15x Cable OD	10x Cable OD
36	TT-*LD-036-LXNN	0.591 (15.0)	146 (217)	1000 (4450)	300 (1335)	15x Cable OD	10x Cable OD
48	TT-*LD-048-LXNN	0.591 (15.0)	146 (217)	1000 (4450)	300 (1335)	15x Cable OD	10x Cable OD
60	TT-*LD-060-LXNN	0.591 (15.0)	146 (217)	1000 (4450)	300 (1335)	15x Cable OD	10x Cable OD
72	TT-*LD-072-LXNN	0.608 (15.4)	153 (228)	1000 (4450)	300 (1335)	15x Cable OD	10x Cable OD
96	TT-*LD-096-LXNN	0.666 (16.9)	181 (269)	1000 (4450)	300 (1335)	15x Cable OD	10x Cable OD
144	TT-*LD-144-LXNN	0.802 (20.4)	252 (375)	1000 (4450)	300 (1335)	15x Cable OD	10x Cable OD
288	TT-*LD-288-LXNN	0.906 (23.0)	319 (475)	1000 (4450)	300 (1335)	15x Cable OD	10x Cable OD

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

†Custom color jackets available

†This design incorporates one or more moisture blocking agents located between the outside each fiber bundle and the inner wall of each loose-tube, but not within each fiber bundle itself, so as to protect the outside of each fiber bundle, and thus prevent water penetration along the length of the loose-tube.