



- 1) UV Resistant CPE Thermoplastic Black Jacket†
- 2) Optional Aluminum or Steel 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	-50°C to +70°C
Storage	-50°C to +70°C
Installation	-10°C to +60°C

Standards:

- OIL RES 1 & 2 COMPLIANT OUTER JACKET
- TIA/EIA-568.3-D
- NEC/CEC OFNR/OFCR FT4
- ICEA S-104-696 (Indoor/Outdoor Rated)
- 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/-	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/-

†Custom color jackets available

Single Jacket All Dielectric CPE (UL) Type OFNR / c(UL) OFNR FT4

Fiber Count	Part Number Substitute (*) with Fiber Grade Code	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	TU-*LF-002-RN2N	0.454 (11.5)	76 (113)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
4	TU-*LF-004-RN2N	0.454 (11.5)	76 (113)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
6	TU-*LF-006-RN2N	0.454 (11.5)	76 (113)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
8	TU-*LG-008-RN2N	0.454 (11.5)	76 (113)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
12	TU-*LG-012-RN2N	0.454 (11.5)	76 (113)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
24	TU-*LG-024-RN2N	0.454 (11.5)	76 (113)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
36	TU-*LG-036-RN2N	0.454 (11.5)	76 (113)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
48	TU-*LG-048-RN2N	0.454 (11.5)	76 (113)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
60	TU-*LG-060-RN2N	0.454 (11.5)	76 (113)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
72	TU-*LG-072-RN2N	0.481 (12.2)	83 (124)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
96	TU-*LG-096-RN2N	0.547 (13.9)	107 (159)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
144	TU-*LG-144-RN2N	0.701 (17.8)	175 (260)	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 CPE (UL) Type OFNR / c(UL) OFNR 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)	Min. Bend Radius Load	Min. Long Term Bend Radius
2	TU-*LF-002-R22N	0.514 (13.1)	111 (165)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
4	TU-*LF-004-R22N	0.514 (13.1)	111 (165)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
6	TU-*LF-006-R22N	0.514 (13.1)	111 (165)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
8	TU-*LG-008-R22N	0.514 (13.1)	111 (165)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
12	TU-*LG-012-R22N	0.514 (13.1)	111 (165)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
24	TU-*LG-024-R22N	0.514 (13.1)	111 (165)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
36	TU-*LG-036-R22N	0.514 (13.1)	111 (165)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
48	TU-*LG-048-R22N	0.514 (13.1)	111 (165)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
60	TU-*LG-060-R22N	0.514 (13.1)	111 (165)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
72	TU-*LG-072-R22N	0.541 (13.7)	118 (176)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
96	TU-*LG-096-R22N	0.532 (13.5)	130 (193)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
144	TU-*LG-144-R22N	0.686 (17.4)	207 (308)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD

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

Double Jacket Aluminum Interlocking Armor CPE (UL) Type OFCR / c(UL) OFCR 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)	Min. Bend Radius Load	Min. Long Term Bend Radius
2	TU-*LF-002-RI2N	0.764 (19.4)	232 (345)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
4	TU-*LF-004-RI2N	0.764 (19.4)	232 (345)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
6	TU-*LF-006-RI2N	0.764 (19.4)	232 (345)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
8	TU-*LG-008-RI2N	0.764 (19.4)	232 (345)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
12	TU-*LG-012-RI2N	0.764 (19.4)	232 (345)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
24	TU-*LG-024-RI2N	0.764 (19.4)	232 (345)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
36	TU-*LG-036-RI2N	0.764 (19.4)	232 (345)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
48	TU-*LG-048-RI2N	0.764 (19.4)	232 (345)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
60	TU-*LG-060-RI2N	0.764 (19.4)	232 (345)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
72	TU-*LG-072-RI2N	0.891 (22.6)	278 (414)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
96	TU-*LG-096-RI2N	0.957 (24.3)	318 (473)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
144	TU-*LG-144-RI2N	1.111 (28.2)	423 (630)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD

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

Double Jacket Steel Interlocking Armor CPE (UL) Type OFCR / c(UL) OFCR 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)	Min. Bend Radius Load	Min. Long Term Bend Radius
2	TU-*LF-002-RH2N	0.764 (19.4)	336 (500)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
4	TU-*LF-004-RH2N	0.764 (19.4)	336 (500)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
6	TU-*LF-006-RH2N	0.764 (19.4)	336 (500)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
8	TU-*LG-008-RH2N	0.764 (19.4)	336 (500)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
12	TU-*LG-012-RH2N	0.764 (19.4)	336 (500)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
24	TU-*LG-024-RH2N	0.764 (19.4)	336 (500)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
36	TU-*LG-036-RH2N	0.764 (19.4)	336 (500)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
48	TU-*LG-048-RH2N	0.764 (19.4)	336 (500)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
60	TU-*LG-060-RH2N	0.764 (19.4)	336 (500)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
72	TU-*LG-072-RH2N	0.891 (22.6)	414 (616)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
96	TU-*LG-096-RH2N	0.957 (24.3)	467 (695)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD
144	TU-*LG-144-RH2N	1.111 (28.2)	599 (891)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD

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