





TU (Universal Grade) Distribution Metal Armor

Revision Number: 1 Revision Date: 10.4.2022



Key Benefits:

- Low Temperature -50C
- Chemical Resistant Oil Res 1 & 2
- Abrasion Resistant
- Tray Grade

Temperature Range						
Operating	-40°C to +70°C					
Storage	-40°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 OFCR/OFCR FT4
- ICEA S-104-696 (Indoor/Outdoor Rated)
- ROHS II 2011/65/EU
- REACH EC1907-2006

Code (x) d€	Subunit Color	Operating Wavelength (nm)	Max Attenuation (dB/km)	Min. OFL Bandwidth (MHz-km)	Min. Laser Bandwidth (MHz-km)	Ethernet Min. Link Length (meters)	10 Gigabit Ethernet Min. Link Length (meters)
S	Yellow	1310/1550	0.5/0.5	-	-	5000/-	10,000/40,000
1	Orange	850/1300	3.5/1.25	200/500	220/-	300/550	33/-
3	Aqua	850/1300	3.0/1.0	1500/500	2000/-	1000/550	300/-
4	Erika Violet	850/1300	3.0/1.0	3500/500	4700/-	1100/550	550-
5	Lime	850/1300	3.0/1.0	3500/500	4700/-	1100/550	550-
	1 3 4 5	1 Orange3 Aqua4 Erika Violet	S Yellow 1310/1550 1 Orange 850/1300 3 Aqua 850/1300 4 Erika Violet 850/1300 5 Lime 850/1300	S Yellow 1310/1550 0.5/0.5 1 Orange 850/1300 3.5/1.25 3 Aqua 850/1300 3.0/1.0 4 Erika Violet 850/1300 3.0/1.0 5 Lime 850/1300 3.0/1.0	S Yellow 1310/1550 0.5/0.5 - 1 Orange 850/1300 3.5/1.25 200/500 3 Aqua 850/1300 3.0/1.0 1500/500 4 Erika Violet 850/1300 3.0/1.0 3500/500 5 Lime 850/1300 3.0/1.0 3500/500	S Yellow 1310/1550 0.5/0.5 - - - 1 Orange 850/1300 3.5/1.25 200/500 220/- 3 Aqua 850/1300 3.0/1.0 1500/500 2000/- 4 Erika Violet 850/1300 3.0/1.0 3500/500 4700/- 5 Lime 850/1300 3.0/1.0 3500/500 4700/-	S Yellow 1310/1550 0.5/0.5 - - - 5000/- 1 Orange 850/1300 3.5/1.25 200/500 220/- 300/550 3 Aqua 850/1300 3.0/1.0 1500/500 2000/- 1000/550 4 Erika Violet 850/1300 3.0/1.0 3500/500 4700/- 1100/550 5 Lime 850/1300 3.0/1.0 3500/500 4700/- 1100/550

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Nom. Jacket Dia. in (mm)	Weight lbs/1000ft (kg/km)	Max. Install Load lbs (N)	Max. Long Term Load lbs	Min. Bend	Min. Long
			(N)	Radius Load	Term Bend Radius
l 0.505(12.8)	104 (156)	150 (660)	45 (200)	20x Cable OD	10x Cable OD
0.520(13.2)	112 (166)	150 (660)	45 (200)	20x Cable OD	10x Cable OD
0.540(13.7)	119 (178)	150 (660)	45 (200)	20x Cable OD	10x Cable OD
0.570(14.5)	135 (201)	150 (660)	45 (200)	20x Cable OD	10x Cable OD
J 0.635(16.1)	165 (246)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
	0.520(13.2) 0.540(13.7) 0.570(14.5)	N 0.520(13.2) 112 (166) N 0.540(13.7) 119 (178) N 0.570(14.5) 135 (201)	N 0.520(13.2) 112 (166) 150 (660) N 0.540(13.7) 119 (178) 150 (660) N 0.570(14.5) 135 (201) 150 (660)	N 0.520(13.2) 112 (166) 150 (660) 45 (200) N 0.540(13.7) 119 (178) 150 (660) 45 (200) N 0.570(14.5) 135 (201) 150 (660) 45 (200)	N 0.520(13.2) 112 (166) 150 (660) 45 (200) 20x Cable OD N 0.540(13.7) 119 (178) 150 (660) 45 (200) 20x Cable OD N 0.570(14.5) 135 (201) 150 (660) 45 (200) 20x Cable OD

Double Jacket, Aluminum Interlocked Armor (Unitized)									
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 Ibs (N)	Min. Bend Radius Load	Min. Long Term Bend Radius		
36	TU-*DK-036-RI5N	1.086(27.6)	380 (565)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD		
48	TU-*DK-048-RI5N	1.086(27.6)	380 (565)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD		
72	TU-*DK-072-RI5N	1.221(31.0)	485 (721)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD		
96	TU-*DK-096-RI5N	1.390(35.3)	639 (950)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD		
144	TU-*DK-144-RI5N	1.510(38.4)	701(1043)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD		
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[†]Custom color jackets available