





TU (Universal Grade) Distribution All Dielectric

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 OFNR/OFNR FT4
- ICEA S-104-696 (Indoor/Outdoor Rated)
- ROHS II 2011/65/EU
- REACH EC1907-2006

Code (x)	Subunit Color	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)
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-
	S 1 3 4	S Yellow 1 Orange 3 Aqua 4 Erika Violet	S Yellow 1310/1550 1 Orange 850/1300 3 Aqua 850/1300 4 Erika Violet 850/1300	Subunit Code (x) Subunit Color Wavelength (nm) Attenuation (dB/km) 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	Subunit Code (x) Subunit Color Wavelength (nm) Attenuation (dB/km) Bandwidth (MHz-km) 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	Subunit Code (x) Subunit Color Wavelength (nm) Attenuation (dB/km) Bandwidth (MHz-km) Bandwidth (MHz-km) 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/-	Subunit Color Wavelength (nm) Attenuation (dB/km) Hz-km) Min. Laser Bandwidth (MHz-km) Min. Link Length (meters)

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Single Jacket, All Dielectric (Non-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 lbs (N)	Min. Bend Radius Load	Min. Long Term Bend Radius	
2	TU-*D9-002-RN5N	0.184(4.7)	14 (20)	150 (660)	45 (200)	15x Cable OD	10x Cable OD	
4	TU-*D9-004-RN2N	0.200(5.1)	17 (25)	150 (660)	45 (200)	15x Cable OD	10x Cable OD	
6	TU-*D9-006-RN2N	0.220(5.6)	20 (30)	150 (660)	45 (200)	15x Cable OD	10x Cable OD	
12	TU-*D9-012-RN2N	0.260(6.6)	27 (40)	150 (660)	45 (200)	15x Cable OD	10x Cable OD	
24	TU-*D9-024-RN2N	0.325(8.3)	42 (63)	300 (1320)	90 (400)	15x Cable OD	10x Cable OD	

Single Jacket, All Dielectric (Unitized)								
Fiber Count	Part Number Substitute (*) with Fiber Grade Code	Nom. Jacket Dia. in (mm)	Weight Ibs/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-RN2N	0.688(17.5)	157 (234)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD	
48	TU-*DK-048-RN2N	0.688(17.5)	157 (234)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD	
72	TU-*DK-072-RN2N	0.823(20.9)	229 (341)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD	
96	TU-*DK-096-RN2N	0.977(24.8)	344 (512)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD	
144	TU-*DK-144-RN2N	1.100(27.9)	377 (561)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD	

[†]Custom color jackets available