



Tactical Distribution Series Fibre Optic Cable

Tactical Distribution Series Fibre Optic Cable 6f - 24f

Features

- Halogen free thermoplastic polyurethane jacket
- High strength to weight ratio allows for easy handling
- Aramid yarn strength member
- 900um buffer eliminates the need for costly and time consuming fanout kits or pigtail splices because connectors terminate directly to the fibre
- UV, water and fungus resistant

Application

- Suitable for indoor/outdoor confined spaces
- Military & defence network deployment
- Broadcast HD Tv cameras
- Minesite and oil rig networks
- Port and rail temporary connections

Design

Tactical distribution series cable is the ideal cable solution for applications where the ability to deploy, retrieve and redeploy fibre cable is essential. Mil-tac cable is a flexible, lightweight and rugged cable design with excellent mechanical and environmental protection characteristics.

The quality and performance of the cable makes it perfectly suited to military, broadcast, port and rail fibre networks. Available in Singlemode, OM1, OM3 & OM4 multimode fibre.

Technical Information

Product Color	Black
Color Code	TIA598
Temperature, Operation [°C]	-20°C to +70°C
Temperature, Installation [°C]	-10°C to +60°C
Fiber Type	G652D,G657A2,OM1,OM3,OM4
Attenuation @Wavelength [nm]	1310/1550/1625 850/1300
Maximum Attenuation [dB/km]	0.35/0.21/0.23 3.0/1.0* excl OM1
Conformance	Cable Bend Radius: (IEC 60794-1-2-E11 A) Tensile Force: (IEC 60794-1-2-E1) Impact Resistance: (IEC 60794-1-2-E4) Crush resistance: (IEC 60794-1-2-E3 A) Torsion resistance: (IEC 60794-1-2-E7) Water Penetration: (IEC 60794-1-2-F5) Torsion Resistance: (IEC 60794-1-21-E7) IEC 60793: Complies IEC 60794: Complies Telecordia GR-20: Complies AS/CA S008: Complies

Items 13

Item Name	Color	No. of Fibers	Layout	Bend Radius [mm]	Tensile Force, Installation [N]	Tensile Force, Operation [N]	Crush [N/100 mm]	Impact [J]	Torsion [°]	Diameter Ø [mm]	Weight [kg/km]
Tactical Distribution Series Cable 24F OM3 Multimode F-D24M3-PU- BK-MIL	Black	24	1x24	130	1100	550	1200	12	5 cycles (± 180°) 40 N, 2m	9.0	67
Tactical Distribution Series Cable 24F OM1 Multimode F-D24M1-PU- BK-MIL	Black	24	1x24	130	1100	550	1200	12	5 cycles (± 180°) 40 N, 2m	9.0	67
Tactical Distribution Series Cable 24F Singlemode (G652D and G657A2) F-D24S2-PU- BK-MIL	Black	24	1x24	130	1100	550	1200	12	5 cycles (± 180°) 40 N, 2m	9.0	67
Tactical Distribution Series Cable 12F OM4 Multimode F-D12M4-PU- BK-MIL	Black	12	1x12	100	1000	500	1200	12	5 cycles (± 180°) 40 N, 2m	7.2	39
Tactical Distribution Series Cable 12F OM3 Multimode F-D12M3-PU- BK-MIL	Black	12	1x12	100	1000	500	1200	12	5 cycles (± 180°) 40 N, 2m	7.2	39
Tactical Distribution Series Cable 12F OM1 Multimode F-D12M1-PU- BK-MIL	Black	12	1x12	100	1000	500	1200	12	5 cycles (± 180°) 40 N, 2m	7.2	39
Tactical Distribution Series Cable 12F OM1 Multimode F-D12S2-PU- BK-MIL	Black	12	1x12	100	1000	500	1200	12	5 cycles (± 180°) 40 N, 2m	7.2	39

Item Name	Color	No. of Fibers	Layout	Bend Radius [mm]	Tensile Force, Installation [N]	Tensile Force, Operation [N]	Crush [N/100 mm]	Impact [J]	Torsion [°]	Diameter Ø [mm]	Weight [kg/km]
Tactical Distribution Series Cable 6F OM4 Multimode F-D6M4-PU- BK-MIL	Black	6	1x6	80	800	400	1200	12	5 cycles (± 180°) 40 N, 2m	5.5	25
Tactical Distribution Series Cable 6F OM3 Multimode F-D6M3-PU- BK-MIL	Black	6	1x6	80	800	400	1200	12	5 cycles (± 180°) 40 N, 2m	5.5	25
Tactical Distribution Series Cable 6F OM1 Multimode F-D6M1-PU- BK-MIL	Black	6	1x6	80	800	400	1200	12	5 cycles (± 180°) 40 N, 2m	5.5	25
Tactical Distribution Series Cable 6F OM1 Multimode F-D6S2-PU- BK-MIL	Black	6	1x6	80	800	400	1200	12	5 cycles (± 180°) 40 N, 2m	5.5	25
Tactical Distribution Series Cable 4F Singlemode (G652D and G657A2) F-D4S2-PU- BK-MIL	Black	4	1x4	75	700	350	1200	12	5 cycles (± 180°) 40 N, 2m	5.1	22
Tactical Distribution Series Cable 2F Singlemode (G652D and G657A2) F-D2S2-PU- BK-MIL	Black	2	1x2	70	600	300	1200	12	5 cycles (± 180°) 40 N, 2m	4.8	18