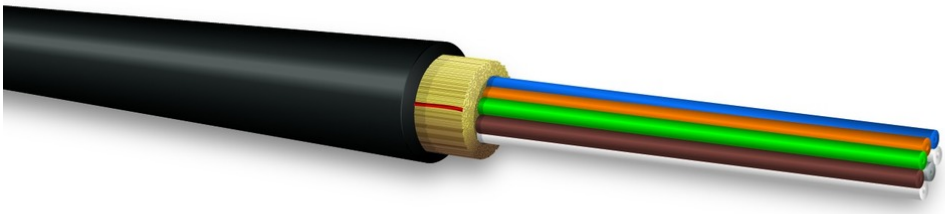
Military D-Series Distribution Mil-Tac Cable 10G50/125µ



tde - Mil-Tac Cable

Applications: Mil-Tac cables are ideal for use in harsh environments where deployment and retrieval for reuse is required.

- Extremely strong, lightweight, rugged, survivable tight-buffered cables designed for military tactical field use and commercial applications
- Compact, round cable design for ease of transportation and deployment
- Designed for use in adverse environments where reduced size and weight are important
- Helically stranded cable core for flexibility, deployment survivability and exceptional mechanical protection for the optical fibers
- Cables have been tested and are in use in military data communications applications worldwide
- Can be used outdoors for temporary deployment directly on the ground in all terrains, including severe environments
- Suitable for industrial, mining and petrochemical environments
- Crush-resistant and resilient with a thick layer of aramid strength members
- Polyurethane jacketed for abrasion, cut and chemical resistance

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Military D-Series Distribution Mil-Tac Cable 10G50/125µ

Technical Data

General Characteristics

Impact Resistance	200 Impacts
Crush Resistance	440 N/cm
Flex Resistance	2.000 Cycles
Operating Temperature	-55°C to +85°C
Storage Temperature	-70°C to +85°C

Specifications

Fiber Count	10
Diameter	6.5 mm (0.26 in)
Weight	37 kg/km (25 lbs/1.000`)
Installation Tensile Load	2.100 N (470 lbs)
Operational Tensile Load	700 N (160 lbs)
Minimum Bend Radius Installation	10.4 cm (4.1 in)
Minimum Bend Radius Operational	5.2 cm (2.0 in)

FO Fiber

Type	Multimode OM2 ISO/IEC 11801
Core diameter	50 µm
Cladding diameter	125 µm
Numeric aperture	0.20
Wavelength	850/1310 nm
Gigabit Ethernet	550/550 m
10-Gigabit Ethernet	82/300 m (1310 CWDM lasers (10GBASE-LX4))
Maximum cabled attenuation	3.5/1.5 dB/km
Minimum Laser EMB bandwidth	500/500 MHz-km
Minimum OFL LED bandwidth	500/500 MHz-km

Product variants & accessories

Art.-No.	Description
MILTAC-D02G50	Military D-Series Distribution Mil-Tac Cable 2G50/125µ
MILTAC-D04G50	Military D-Series Distribution Mil-Tac Cable 4G50/125µ
MILTAC-D06G50	Military D-Series Distribution Mil-Tac Cable 6G50/125µ
MILTAC-D08G50	Military D-Series Distribution Mil-Tac Cable 8G50/125µ
MILTAC-D10G50	Military D-Series Distribution Mil-Tac Cable 10G50/125µ
MILTAC-D12G50	Military D-Series Distribution Mil-Tac Cable 12G50/125µ
MILTAC-D24G50	Military D-Series Distribution Mil-Tac Cable 24G50/125µ

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