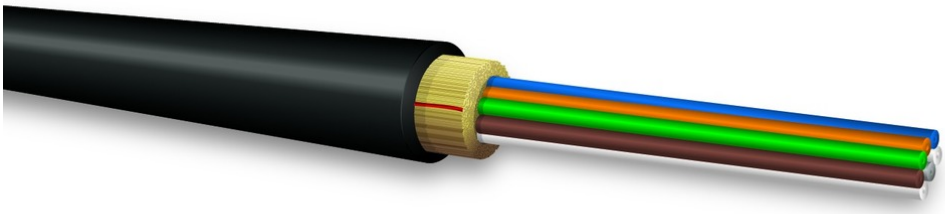
Military D-Series Distribution Mil-Tac Cable 12E9/125µ



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 12E9/125µ

Technical Data

General Characteristics

Impact Resistance	1500 Impacts
Crush Resistance	1800 N/cm
Flex Resistance	2000 Cycles
Operating Temperature	-55°C to +85°C
Storage Temperature	-70°C to +85°C

Specifications

Fiber Count	12
Diameter	6.5 mm
Jacket Material	Polyurethane
Buffer Material	Hard Elastomeric
Weight	40 kg/km
Max. Installation Tensile Load	2100 N
Max. Operational Tensile Load	700 N
Min. Bend Radius Installation	6.5 cm
Min. Bend Radius Operational	3.3 cm

FO Fiber

Type	Singlemode ITU-T G.652.A
Core diameter	9 µm (typical mode field diameter at 1310 nm)
Cladding diameter	125 µm
Numeric aperture	-
Wavelength	1310/1550 nm
Gigabit Ethernet	5 km (10 km für 1310 nm 1000BASE-LH, und 5 km für 1310 nm 1000BASE-LR)
10-Gigabit Ethernet	10 km (10 km für 1310 nm 10GBASE-LR, und 40 km für 1550 nm 10GBASE-ER)
Maximum cabled attenuation	0.5/0.5 dB/km
Minimum Laser EMB bandwidth	-
Minimum OFL LED bandwidth	-

Product variants & accessories

Art.-No.	Description
MILTAC-D02E09	Military D-Series Distribution Mil-Tac Cable 2E9/125µ
MILTAC-D04E09	Military D-Series Distribution Mil-Tac Cable 4E9/125µ
MILTAC-D06E09	Military D-Series Distribution Mil-Tac Cable 6E9/125µ
MILTAC-D08E09	Military D-Series Distribution Mil-Tac Cable 8E9/125µ
MILTAC-D10E09	Military D-Series Distribution Mil-Tac Cable 10E9/125µ
MILTAC-D12E09	Military D-Series Distribution Mil-Tac Cable 12E9/125µ
MILTAC-D18E09	Military D-Series Distribution Mil-Tac Cable 18E9/125µ

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Military D-Series Distribution Mil-Tac Cable 12E9/125µ

Art.-No.	Description
MILTAC-D24E09	Military D-Series Distribution Mil-Tac Cable 24E9/125µ

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