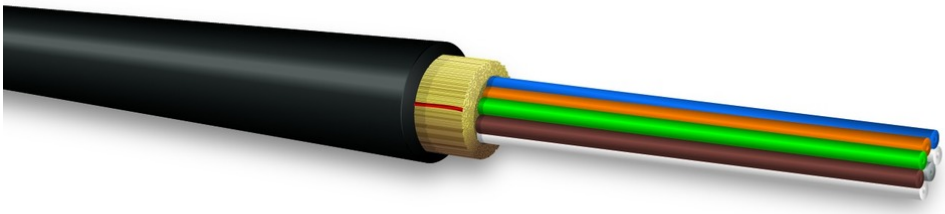
Military D-Series Distribution Mil-Tac Cable 4G50/125µ



## 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 4G50/125µ

# 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 | 4 |
| Diameter | 5.5 mm (0.22 in) |
| Weight | 27 kg/km (18 lbs/1.000`) |
| Installation Tensile Load | 1.800 N (400 lbs) |
| Operational Tensile Load | 600 N (130 lbs) |
| Minimum Bend Radius Installation | 8.8 cm (3.5 in) |
| Minimum Bend Radius Operational | 4.4 cm (1.7 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-D18G50 | Military D-Series Distribution Mil-Tac Cable 18G50/125µ |
| MILTAC-D24G50 | Military D-Series Distribution Mil-Tac Cable 24G50/125µ |


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