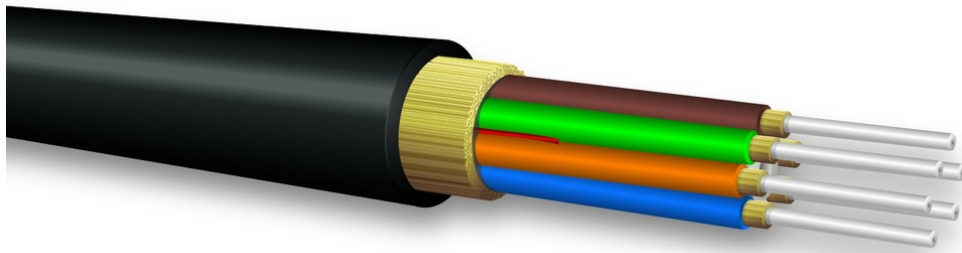


Military B-Series Breakout Mil-Tac Cable 10E9/125μ



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 B-Series Breakout Mil-Tac Cable 10E9/125μ

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 | 11.5 mm (0.45 in) |
| Weight | 100 kg/km (67 lbs/1.000') |
| Installation Tensile Load | 4.000 N (900 lbs) |
| Operational Tensile Load | 1.000 N (220 lbs) |
| Minimum Bend Radius Installation | 18.4 cm (7.2 in) |
| Minimum Bend Radius Operational | 9.2 cm (3.6 in) |

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-B02E09 | Military B-Series Breakout Mil-Tac Cable 2E9/125μ |
| MILTAC-B04E09 | Military B-Series Breakout Mil-Tac Cable 4E9/125μ |
| MILTAC-B06E09 | Military B-Series Breakout Mil-Tac Cable 6E9/125μ |
| MILTAC-B08E09 | Military B-Series Breakout Mil-Tac Cable 8E9/125μ |
| MILTAC-B10E09 | Military B-Series Breakout Mil-Tac Cable 10E9/125μ |
| MILTAC-B12E09 | Military B-Series Breakout Mil-Tac Cable 12E9/125μ |
| MILTAC-B18E09 | Military B-Series Breakout Mil-Tac Cable 18E9/125μ |
| MILTAC-B24E09 | Military B-Series Breakout Mil-Tac Cable 24E9/125μ |