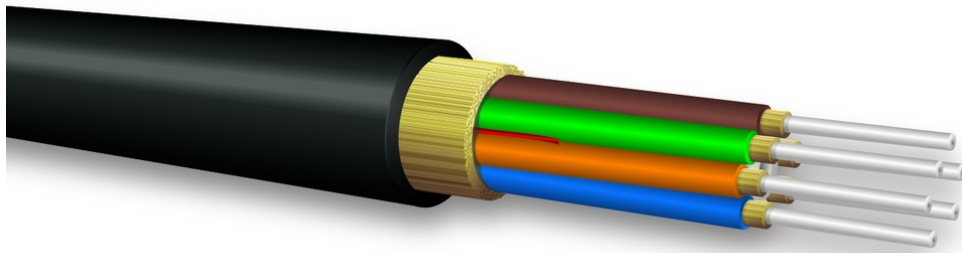


## Military B-Series Breakout Mil-Tac Cable 18G62,5/125μ



### 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



**tde<sup>®</sup>** trans data elektronik GmbH

**Headquarter address:**

Lingener Str. 2  
D-49626 Bippen/Ohrte  
Tel.: +49 5435 9511 0  
Fax.: +49 5435 9511 32

**Sales office address:**

Prinz-Friedrich-Karl-Str. 46  
D-44135 Dortmund  
Tel.: +49 231 914 36 99  
Fax.: +49 231 914 31 29

info@tde.de | www.tde.de

## Military B-Series Breakout Mil-Tac Cable 18G62,5/125μ

### 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	18
Diameter	13.5 mm (0.53 in)
Weight	138 kg/km (93 lbs/1.000')
Installation Tensile Load	7.200 N (1.620 lbs)
Operational Tensile Load	1.800 N (400 lbs)
Minimum Bend Radius Installation	21.6 cm (8.5 in)
Minimum Bend Radius Operational	10.8 cm (4.3 in)

#### FO Fiber

Type	Multimode OM1 ISO/IEC 11801
Core diameter	62.5 μm
Cladding diameter	125 μm
Numeric aperture	0.275
Wavelength	850/1310 nm
Gigabit Ethernet	275/550 m
10-Gigabit Ethernet	33/300 m (1310 CWDM lasers (10GBASE-LX4))
Maximum cabled attenuation	3.5/1.5 dB/km
Minimum Laser EMB bandwidth	200/500 MHz-km
Minimum OFL LED bandwidth	200/500 MHz-km

### Product variants & accessories

Art.-No.	Description
MILTAC-B02G62	Military B-Series Breakout Mil-Tac Cable 2G62,5/125μ
MILTAC-B04G62	Military B-Series Breakout Mil-Tac Cable 4G62,5/125μ
MILTAC-B06G62	Military B-Series Breakout Mil-Tac Cable 6G62,5/125μ
MILTAC-B08G62	Military B-Series Breakout Mil-Tac Cable 8G62,5/125μ
MILTAC-B10G62	Military B-Series Breakout Mil-Tac Cable 10G62,5/125μ
MILTAC-B12G62	Military B-Series Breakout Mil-Tac Cable 12G62,5/125μ
MILTAC-B18G62	Military B-Series Breakout Mil-Tac Cable 18G62,5/125μ
MILTAC-B24G62	Military B-Series Breakout Mil-Tac Cable 24G62,5/125μ