



Braided Armored Tactical Breakout Cable

AFL's Braided Armored Tactical Breakout Cables are ideal for use in harsh environment applications requiring a rugged deployable cable solution. Consisting of 2 mm sub-cables, each optical fiber is suitable for direct termination enabling fast and easy installation. This reduced diameter, light weight, and high strength cable features a tough abrasion resistant polyurethane jacket that offers exceptional performance through a wide range of temperatures. It is also impervious to common chemicals found in industrial environments. Available with a flame retardant jacket option the BU series breakout cable is ideal for use in mines, petrochemical facilities, and other industrial applications.

Features

- Deployable design
- UV, Fungus, and water resistant
- Highly crush and impact resistant
- 2.0 mm sub-cables available in a variety of colors
- Available with shiny or matte low-friction jacket
- Custom colors available
- Available with bend insensitive SM and MM optical fiber
- Supports all multi-gigabit Ethernet standards
- RoHS compliant

Temperature Range

Operating: -55°C to +85°C

Storage: -60°C to +85°C

Installation: -50°C to +85°C

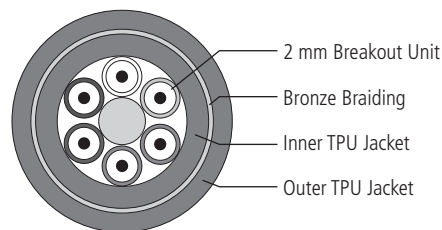
Specifications

- MIL PRF 85045
- ANSI/ICEA-S-104-696
- RoHS Compliant
- Highly abrasion and cut resistant
- Resistant to most fuels, oils and greases
- Excellent low-temperature flexibility
- Braid application per IEEE 1580 available

Mechanical

PARAMETER	VALUE
Tensile	
Installation	2112 (475)
Operational	333 (75)

Cable Components



**Rodent-deterrent Jacket
Option Available**

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Ordering Information

AFL NO.	FIBER COUNT	NOMINAL DIAMETER		NOMINAL WEIGHT		PHYSICAL PROPERTIES		MINIMUM BEND RADIUS INCHES (CM)
		INCHES	MM	LBS/1,000 FT	KG/KM	CRUSH (N/CM)	IMPACTS	
B%002*201#XH-BB	2	0.452	11.5	113	68	2000	200	4.5 (11.5)
B%004*201#XH-BB	4	0.452	11.5	113	68	2000	200	4.5 (11.5)
B%006*201#XH-BB	6	0.492	12.5	124	185	2000	200	4.9 (12.5)
B%008*201#XH-BB	8	0.539	13.7	147	219	2000	200	5.4 (13.7)
B%012*201#XH-BB	12	0.610	15.5	178	9265	2000	200	6.1 (15.5)

Replace percent (%) in AFL No. with corresponding jacket type below.

- 1 = Tactical Polyurethane
- 2 = Flame Retardant Polyurethane
- 3 = LSZH Polyurethane
- 4= StrataJac® Tactical+ Encapsulation

Replace asterisk (*) in AFL No. with corresponding fiber type below.

- 5 = 50/125 µm multimode GIGA-Link™ 600
- 6 = 62.5/125 µm multimode GIGA-Link™ 300
- 9 = Single-mode
- K = SM Futureguide SR-15e Bend Insensitive
- L = 50/125 µm OM3
- C = 50/125 µm OM4

Replace hashtag (#) in AFL No. with jacket color. See Tactical Cable Ordering Guide on page 23.

500 µm primary coated fiber available.

Customer specified print available.

See Tactical Cable Ordering Guide on page 23 for AFL No. designations.