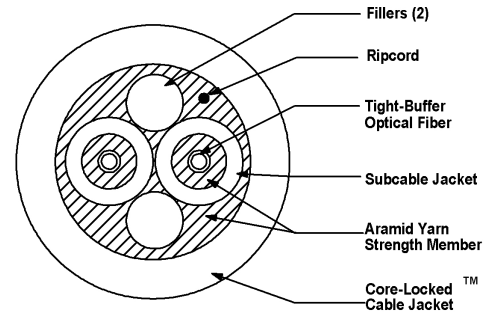


Part #: B-002CWST5KM

**2 CHANNEL
B-Series Breakout - Mil-Tac Cables**



Ultra-Fox™ Plus Fiber Performance	
Fiber Code	WST
Industry Standard Designation	OM1 ISO/IEC 11801
Core/Cladding Diameter (µm)	62.5/125
Numeric Aperture	0.275
Wavelength (nm)	850/1310
Gigabit Ethernet Distance (m)	275/550
10-Gigabit Ethernet Distance (m)	33/300
Maximum Cabled Attenuation (dB/km)	3.5/1.5
Minimum Laser EMB Bandwidth (MHz-km)	200/500
Minimum OFL LED Bandwidth (MHz-km)	200/500
Primary Coating Diameter (µm)	500
Secondary Buffer Diameter (µm)	900
Proof Test Level (kpsi)	100

Installation and Operating Characteristics		
	Installation	Operating
Max Tensile Load	2,200 N (490 lbs)	550 N (120 lbs)
Min Bend Radius	6.5 cm (2.6 in)	3.3 cm (1.3 in)

Mechanical and Environmental	
Impact Resistance EIA/TIA-455-25A, Military Req.	200 Impacts
Crush Resistance TIA/EIA-455-41A, Military Req.	440 N/cm
Flex Resistance	2,000 cycles
Operating Temperature	-55°C to +85°C
Storage Temperature	-70°C to +85°C

Cable Characteristics	
Jacket Color	Black
Jacket Material	Polyurethane
Buffer Material	Hard Elastomeric
Subunit OD	2.0 mm
Cable Weight	36 kg/km (24 lbs/1000')
Cable Diameter	6.5 mm (0.26 in)

2 CHANNEL
B-Series Breakout - Mil-Tac Cables

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Applications:

- Ground-tactical cables are ideal for use in harsh environments where deployment and retrieval for reuse is required
- Ideal for applications that require termination of the subcables to a connector

Features:

- Extremely strong, lightweight, rugged, survivable tight-buffered cables designed for military tactical field use and commercial applications
 - Polyurethane jacketed for abrasion, cut and chemical resistance
 - Core-locked jacket for improved mechanical performance
 - Breakout cable design with individual color-coded subcables protecting each optical fiber
 - Crush resistant and resilient, with two separate layers of aramid strength members in the subcables for individual single-fiber connector and termination pin, and overall for termination to multiway connector backshells or other housing
 - 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 - chemical resistant
 - Round cable design for easy installation and survivability
 - Ideally suited for use with MIL-C-38999 style military connectors - subcables terminate to individual pins and overall aramid strength member terminates to backshell
 - 2.0 mm subcables standard
 - Tactical Polyurethane (C) outer jacket material is standard. Flame- retardant tactical (V) and Low-Smoke Zero-Halogen (G) outer jacket materials are available
 - Ultra-Fox Plus fiber used for the ultimate environmental and mechanical protection
- OCC Provided Options:
- Mil-Tac cables prespooled on deployable reels for a ready-to-use product
 - Mil-Tac cables can be pre-terminated with single-fiber or ruggedized multichannel connectors upon request