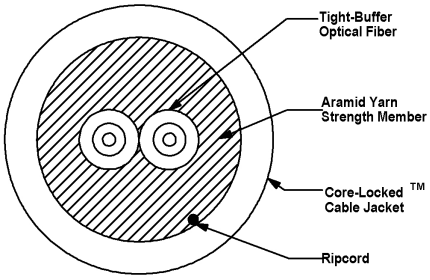
Part #: D-002CSLS5KM

2 CHANNEL
D-Series Distribution Mil-Tac Cables



Ultra-Fox™ Plus Fiber Performance	
Fiber Code	SLS
Industry Standard Designation	Low Water Peak Single-Mode ITU-T G.652.D
Core/Cladding Diameter (µm)	9/125
Wavelength (nm)	1310/1550
Maximum Cabled Attenuation (dB/km)	0.5/0.5
Primary Coating Diameter (µm)	500
Secondary Buffer Diameter (µm)	900
Zero Dispersion Slope (ps/nm^2-km)	0.092
Proof Test Level (kpsi)	100

Installation and Operating Characteristics		
	Installation	Operating
Max Tensile Load	1,800 N (400 lbs)	600 N (130 lbs)
Min Bend Radius	5.0 cm (2.0 in)	2.5 cm (1.0 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
Cable Weight	21 kg/km (14 lbs/1000')
Cable Diameter	5.0 mm (0.20 in)

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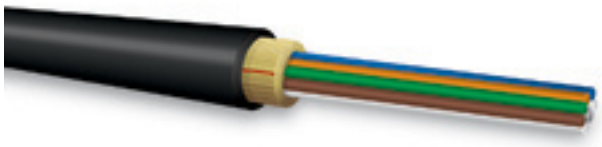

Applications

- Ground-tactical cable that is ideal for use in harsh environments where deployment and retrieval for reuse is required

Features

- 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
- Core-locked jacket for improved mechanical performance
- 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 - chemical resistant
- Crush-resistant and resilient with a thick layer of aramid strength members
- Polyurethane jacketed for abrasion, cut and chemical resistance
- Most commonly used with ruggedized multiway military tactical field connectors, for maximum connector retention (400lbs.)
- 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 (500µm) used for 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