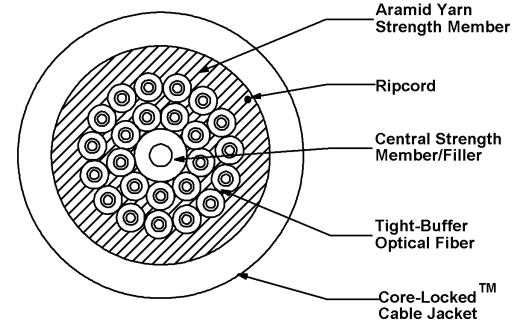


Part #: D-024CSLX5KM

**24 CHANNEL
D-Series Distribution Mil-Tac Cables**



| Ultra-Fox™ Plus Fiber Performance | |
|--|--|
| Fiber Code | SLX |
| 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 |

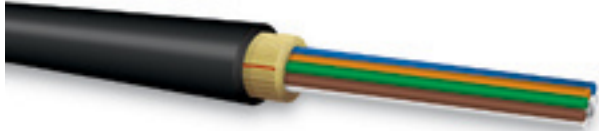
| Installation and Operating Characteristics | | |
|--|-------------------|-------------------|
| | Installation | Operating |
| Max Tensile Load | 3,000 N (670 lbs) | 1,000 N (220 lbs) |
| Min Bend Radius | 8.5 cm (3.3 in) | 4.3 cm (1.7 in) |

| 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 N/cm |
| 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 | 60 kg/km (40 lbs/1000') |
| Cable Diameter | 8.5 mm (0.33 in) |

24 CHANNEL
D-Series Distribution Mil-Tac Cables

Part #: D-024CSLX5KM



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