



Product Data Sheet

OCC DX004VSLA9KBM 4 Core OS2 TB Tactical Fibre

Description



The DX-Series is a deployable cable that is ideal for use in harsh environments where deployment and retrieval for reuse are required.

Product	SKU
OCC DX004VSLA9KBM 4 CORE OS2 TB TACTICAL FIBRE	JF-00-4001

Key Benefits

- Extremely strong, lightweight, rugged, survivable tight-buffered cables are designed for broadcast 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, survival in difficult pulls, and exceptional mechanical protection for the optical fibers
- Cables have been tested and are in use in broadcast 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 ruggedised multiway military tactical field connectors, for maximum connector retention (400lbs).
- Flame-Retardant Tactical (V) outer jacket.



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Technical Specification

OCC DX002VSLA9KBM 4 Core Specification

Laser Ultra-Fox™ Fibre Performance	Mechanical and Environmental
Fibre Code: SLA	Crush Resistance TIA/EIA-455-41A: 1800 N/cm
Industry Standard Designation: Bend Insensitive, Low Water Peak, Single Mode, ITU-T G.657.A1 and ITU-T G.652.D	Flex Resistance TIA-455-104: 2000 cycles
Core/Cladding Diameter (µm): 9/125	Operating Temperature: -40°C to +85°C
Wavelength (nm): 1310/1550	Storage Temperature: -70°C to +85°C
Maximum Cabled Attenuation (dB/km): 0.5/0.5	Cable Characteristics
Primary Coating Diameter (µm): 245	Jacket Colour: Black
Secondary Buffer Diameter (µm): 900	Jacket Material: Flame Retardant Tactical Polyurethane
Zero Dispersion Slope (ps/nm²-km): 0.092	Buffer Material: Hard Elastomeric
Proof Test Level (kpsi): 100	Cable Weight: 29 kg/km (19 lbs/1000')
Installation and Operating Characteristics	Cable Diameter: 5.5 mm (0.22 in)
Max Tensile Load: Installation - 1,800 N (400 lbs) Operating - 600 N (130 lbs)	
Min Bend Radius: Installation - 5.5 cm (2.2 in) Operating 2.8 cm (1.1 in)	