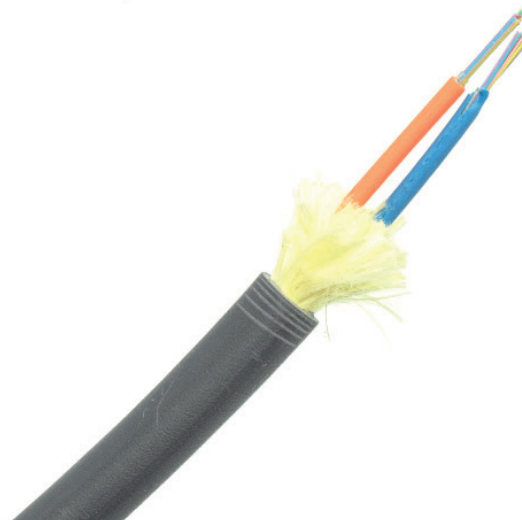




Product Data Sheet

OCC HC024VSLACKD 24 Core OS2 LT Tactical Fibre

Description



The HC-Series is a high-performance, multi-fiber optical cable designed for demanding telecommunications and data networking applications. With its advanced design and robust construction, this optical cable offers reliable and efficient data transmission over long distances.

Product	SKU
OCC HC024VSLACKD 24 CORE OS2 LT TACTICAL FIBRE	JF-00-13002

Key Benefits

- Outer jacket material is rugged, weather-resistant material for outdoor use
- Tight-Buffered design so each fibre is individually coated with a buffer for added protection
- High bandwidth which supports high-speed data transmission
- Low attenuation helps minimise signal loss over long distances
- Low dispersion ensures accurate data transmission
- Flame-retardant complying with industry safety standards



Product Data Sheet

OCC HC024VSLACKD 24 Core OS2 LT Tactical Fibre

Technical Specification

OCC HC024VSLACKD 24 Core Specification	
Laser Ultra-Fox™ Fibre Performance	Mechanical and Environmental
Fibre Code: SLA	Crush Resistance TIA/EIA-455-41A: 2,000 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: 1,800 cycles
Core/Cladding Diameter (µm): 9/125*	Operating Temperature: -40°C to +85°C
Wavelength (nm): 1310/1550	Storage Temperature: -55°C to +85°C
Maximum Cabled Attenuation (dB/km): 0.5/0.5	Cable Characteristics
Zero Dispersion Slope (ps/nm ² -km): 0.092	Jacket Colour: Black
Proof Test Level (kpsi): 100	Jacket Material: Flame Retardant Tactical Polyurethane
Installation and Operating Characteristics	Cable Weight: 57 kg/km (38 lbs/1000')
Max Tensile Load: Installation - 2,700 N (400 lbs) Operating - 600 N (130 lbs)	Cable Diameter: 8.1 mm (0.32 in)
Min Bend Radius**: Installation - 12.1 cm (4.8 in) Operating 8.1 cm (3.2 in)	Print: (every 2 ft): OPTICAL CABLE CORPORATION HC DEPLOYABLE FIBER OPTIC CABLE OC-0007622 SINGLE-MODE BEND INSENSITIVE LASER G.657.A1 <l> WWW.OCCFIBER.COM 1-540-265- 0690 <D dd-mmm-yyyy >

*Connector Grade Cladding OD ≤ 125.3 µm

**Deployable reel drum diameter ≥ 8 in (20.3 cm)