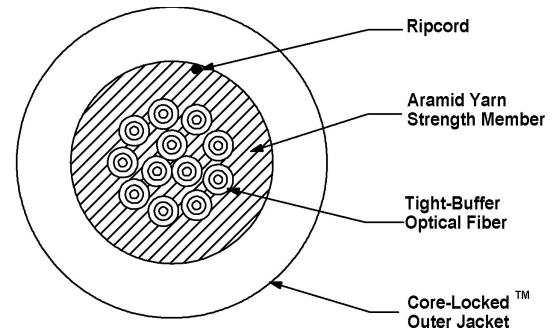


Part #: DX012CSLA9KB

**12 CHANNEL
D-Series Distribution – Field Broadcast Cables**



Laser Ultra-Fox™ Fiber Performance	
Fiber Code	SLA
Industry Standard Designation	Bend Insensitive Low Water Peak Single Mode ITU-T G.657.A1 and 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)	245
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	2,100 N (470 lbs)	700 N (160 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	1,500 Impacts
Crush Resistance TIA/EIA-455-41A	1,800 N/cm
Flex Resistance	2,000 cycles
Operating Temperature	-40°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	41 kg/km (28 lbs/1000')
Cable Diameter	6.5 mm (0.26 in)

12 CHANNEL
D-Series Distribution – Field Broadcast Cables

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Applications

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

Features

- 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 ruggedized multiway military tactical field connectors, for maximum connector retention (400lbs.)
- Tactical Polyurethane (C) outer jacket materials is standard; Flame-Retardant Tactical (V) and Low-Smoke Zero-Halogen (G) outer jacket materials are available

OCC Provided Options:

- Broadcast cables pre-spooled on deployable reels for a ready-to-use product
- Broadcast cables can be pre-terminated with single-fiber or ruggedized multichannel connectors upon request