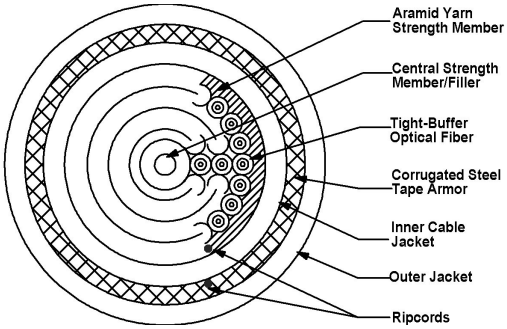
Part #: DX036DSLX9KAA2

36 CHANNEL
D-Series Distribution – Corrugated Steel Tape Armored (CST) Cables



Laser Ultra-Fox™ 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)	245
Secondary Buffer Diameter (µm)	900
Zero Dispersion Slope (ps/nm^2-km)	0.092
Proof Test Level (kpsi)	100

Installation and Operating Characteristics		
Inner Cable		
	Installation	Operating
Max Tensile Load	3,000 N (670 lbs)	1,000 N (220 lbs)
Min Bend Radius	13.7 cm (5.4 in)	9.1 cm (3.6 in)
Outer Cable		
	Installation	Operating
Max Tensile Load	3,000 N (670 lbs)	1,000 N (220 lbs)
Min Bend Radius	23.3 cm (9.2 in)	15.5 cm (6.1 in)

Mechanical and Environmental		
	Inner Cable	**Entire Cable**
Impact Resistance EIA/TIA-455-25A	1,500 Impacts	20 impacts (EIA-TIA-455-25A)
Crush Resistance TIA/EIA-455-41A	1,800 N/cm	440 N/cm (EIA-TIA-455-25A)
Flex Resistance	2,000 cycles	25 cycles
Operating Temperature	-40°C to +85°C	-40°C to +85°C
Storage Temperature	-55°C to +85°C	-55°C to +85°C
Installation Temperature (actual temp. of cable)	-10°C to +60°C	-10°C to +60°C
Flame Retardancy	UL Listed Type OFNR (UL 1666)	

Cable Characteristics	
Inner Cable	
Jacket Color	Black
Jacket Material	Indoor / Outdoor PVC
Buffer Material	Hard Elastomeric
Cable Weight	73 kg/km (49 lbs/1000')
Cable Diameter	9.1 mm (0.36 in)
Outer Cable	
Jacket Color	Black
Jacket Material	Polyethylene
Cable Weight	205 kg/km (138 lbs/1000')
Cable Diameter	15.5 mm (0.61 in)

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Standards
OCC CST armored tight-buffered fiber optic cables meet the functional requirements of the following standards: • ICEA-S-104-696 • TIA-568 • TIA-598

Applications

- Ideal for installation where direct-burial or rodent protection is required
- Ideal for installations requiring an extremely rugged and reliable cable design where maximum mechanical and environmental protection are necessary
- 900 micron buffer eliminates the need for costly and time-consuming installation of fanout kits or pigtail splices because connectors terminate directly to the fiber

Features

- High-performance components and construction
- The steel-armor is easily removed with an internal ripcord, leaving a fully functional intact D-Series Distribution riser-rated inner cable with original cable marking for identification
- Ideal for use in point-to-point runs in between buildings
- Inner cable materials are indoor/outdoor: UV, water and fungus resistant
- Polyethylene (A) outer jacket is UV, water and fungus resistant: ideal for outdoor installations
- Wide operating temperature range of -40°C to + 85°C
- High-performance 900µm tight-buffered coating on each optical fiber for environmental and mechanical protection 2 to 144 fibers