

Part #: DX004

4 CHANNEL

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

Laser Ultra-Fox [™] Fiber Performance		
Industry Standard Designation	Maximum Cabled Attenuation (dB/km)	
Core/Cladding Diameter (µm)	Minimum Laser EMB Bandwidth (MHz-km)	
Numeric Aperture	Minimum OFL LED Bandwidth (MHz-km)	
Proof Test Level (kpsi)	100	

Installation and Operating Characteristics			
Inner Cable			
	Installation	Operating	
Max Tensile Load	1,400 N (310 lbs)	450 N (100 lbs)	
Min Bend Radius	7.7 cm (3.0 in)	5.1 cm (2.0 in)	
Outer Cable			
	Installation	Operating	
Max Tensile Load	1,400 N (310 lbs)	450 N (100 lbs)	
Min Bend Radius	17.1 cm (6.7 in)	11.4 cm (4.5 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) and FT4 (CSA C22.2 No. 232)		

Cable Characteristics			
Inner Cable			
Jacket Color			
Jacket Material			
Buffer Material	Hard Elastomeric		
Cable Weight	24 kg/km (16 lbs/1000')		
Cable Diameter	5.1 mm (0.20 in)		
Outer Cable			
Jacket Color			
Jacket Material			
Cable Weight	118 kg/km (79 lbs/1000')		
Cable Diameter	11.4 mm (0.45 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

Features:

- The steel armor is easily removed with an internal ripcord, leaving a fully functional intact riser-rated inner cable, with original cable markings for identification.
- Armored jacket is an add-on option which can be applied to most outdoor and indoor/outdoor riser-rated cables
- · Inner tight-buffered cable is suitable for direct field termination with standard optical connectors