

Part #: DX006

**6 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 | 8.6 cm (3.4 in) | 5.7 cm (2.2 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 | 31 kg/km (21 lbs/1000') |
| Cable Diameter | 5.7 mm (0.22 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