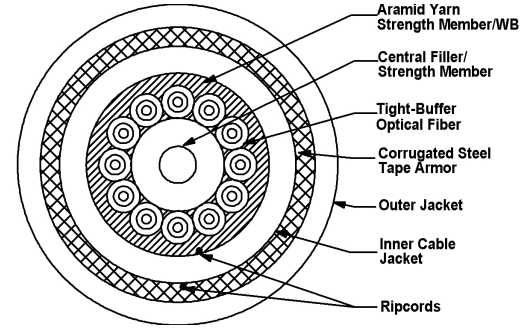


Part #: DX012DSLX9KAA2

12 CHANNEL D-Series Distribution Corrugated Steel Tape (CST) Armored 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 | 2,700 N (600 lbs) | 600 N (135 lbs) |
| Min Bend Radius | 9.8 cm (3.9 in) | 6.5 cm (2.6 in) |
| Outer Cable | | |
| | Installation | Operating |
| Max Tensile Load | 2,700 N (600 lbs) | 900 N (200 lbs) |
| Min Bend Radius | 20.1 cm (7.9 in) | 13.4 cm (5.3 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 | Black |
| Jacket Material | Indoor / Outdoor PVC |
| Buffer Material | Hard Elastomeric |
| Cable Weight | 38 kg/km (25 lbs/1000') |
| Cable Diameter | 6.5 mm (0.26 in) |
| Outer Cable | |
| Jacket Color | Black |
| Jacket Material | Polyethylene |
| Cable Weight | 160 kg/km (108 lbs/1000') |
| Cable Diameter | 13.4 mm (0.53 in) |

12 CHANNEL

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

Part #: DX012DSLX9KAA2



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