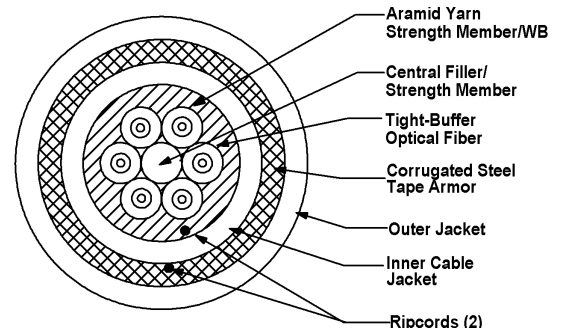


**Part #: DX006DALT9KAA2**

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



**Laser Ultra-Fox™ Fiber Performance**

Fiber Code	ALT
Industry Standard Designation	Laser Optimized OM3 ISO/IEC 11801 Bend Insensitive
Core/Cladding Diameter (µm)	50/125
Numeric Aperture	0.20
Wavelength (nm)	850/1310
Gigabit Ethernet Distance (m)	1000/600
10-Gigabit Ethernet Distance (m)	300/300
Maximum Cabled Attenuation (dB/km)	3.5/1.5
Minimum Laser EMB Bandwidth (MHz-km)	2000/500
Minimum OFL LED Bandwidth (MHz-km)	1500/500
Primary Coating Diameter (µm)	245
Secondary Buffer Diameter (µm)	900
Proof Test Level (kpsi)	100

**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 N/cm	25 N/cm
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)	

**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)

**Cable Characteristics**

Inner Cable	
Jacket Color	Black
Jacket Material	Indoor / Outdoor PVC
Buffer Material	Hard Elastomeric
Cable Weight	32 kg/km (22 lbs/1000')
Cable Diameter	5.7 mm ( 0.22 in)
Outer Cable	
Jacket Color	Black
Jacket Material	Polyethylene
Cable Weight	118 kg/km (79 lbs/1000')
Cable Diameter	11.4 mm ( 0.45 in)

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

**Part #: DX006DALT9KAA2**



#### 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