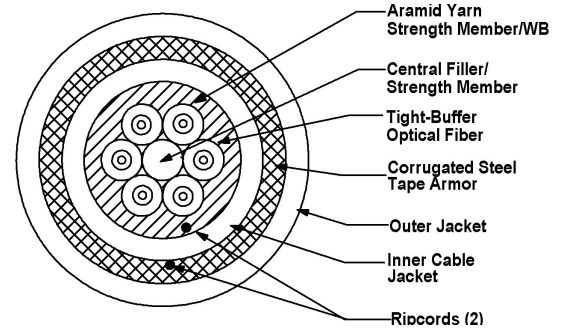


**Part #: DX006DALT9KAA2**

**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 Bend Insensitive ISO/IEC 11801
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 TIA-455-25	1,500 Impacts	20 impacts (EIA-TIA-455-25A)
Crush Resistance TIA-455-41	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) for all fiber counts *FT4 (CSA C22.2 No. 232) for 2-24 fiber counts only	

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	
Jacket Material	Indoor / Outdoor PVC
Buffer Material	PVC for 2- to 24-fiber counts. For all other fiber counts, please contact OCC Sales.
Cable Weight	31 kg/km (21 lbs/1000')
Cable Diameter	5.7 mm ( 0.22 in)
Outer Cable	
Jacket Color	
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 use in point-to-point runs in between buildings
- Inner tight-buffered cable is suitable for direct field termination with standard optical connectors
- Ideal for installations requiring an extremely rugged and reliable cable design where maximum mechanical and environmental protection are necessary

## Features

- High-performance components and construction
- 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
- 900µm buffer eliminates the need for costly and time-consuming installation of fanout kits or pigtail splices because connectors terminate directly to the fiber