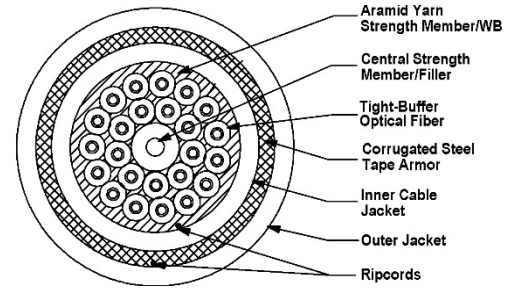


Part#: DX024DZCC9KAA2

24 CHANNEL

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



Laser Ultra-Fox™ Fiber Performance

Fiber Code/Count	ALS/12	SLX/12
Industry Standard Designation	Laser Optimized OM2 ISO/IEC 11801	Low Water Peak Single-mode ITU-T G.652.D
Core/Cladding Diameter (μm)	50/125	9/125
Numerical Aperture	0.20	- -
Wavelength (nm)	850/1310	1310/1550
Gigabit Ethernet Distance (m)	600/600	- -
10-Gigabit Ethernet Distance (m)	82/300	- -
Maximum Cabled Attenuation (dB/km)	3.5/1.5	0.5/0.5
Minimum Laser EMB Bandwidth (MHz-km)	510/500	- -
Minimum OFL LED Bandwidth (MHz-km)	500/500	- -
Primary Coating Diameter (μm)	245	245
Secondary Buffer Diameter (μm)	900	900
Zero Dispersion Slope (ps.nm ² -km)	- -	0.092
Proof Test Level (kpsi)	100	100

Mechanical and Environmental

	Inner Cable	Entire Cable
Flex Resistance TIA-455-104	2,000 Cycles	25 Cycles
Crush Resistance TIA-455-41	1,800 Impacts	440 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 (UL1666) and FT4 (CSA C22.2 No. 232)	

Cable Characteristics

Inner Cable	
Jacket Color	Black
Jacket Material	Indoor/Outdoor PVC
Buffer Material	PVC
Cable Weight	67 kg/km (45 lbs/1000')
Cable Diameter	8.9 mm (0.35 in)
Outer Cable	
Jacket Color	Black
Jacket Material	Polyethylene
Cable Weight	190 kg/km (128 lbs/1000')
Cable Diameter	14.9 mm (0.59 in)

Installation and Operating Characteristics

Inner Cable		
	Installation	Operating
Max Tensile Load	3,000 N * (670 lbs)	1,000 N (220 lbs)
Min Bend Radius	13.4 cm (5.3 in)	8.9 cm (3.5 in)
Outer Cable		
	Installation	Operating
Max Tensile Load	3,000 N (670 lbs)	1,000 N (220 lbs)
Min Bend Radius	22.4 cm (8.8 in)	14.9 (5.9 in)

*Installation loads in excess of 2,700 N (600 lbs) are not recommended.