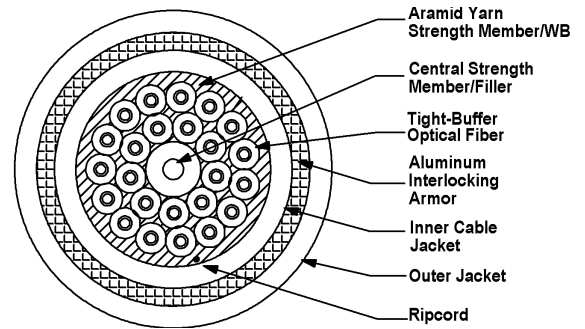


**Part #: DX024KSLX9YPI6**

24 CHANNEL  
D-Series Distribution ILA-Interlocking Armored Plenum  
Rated 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 <sup>2</sup> -km)	0.092
Proof Test Level (kpsi)	100

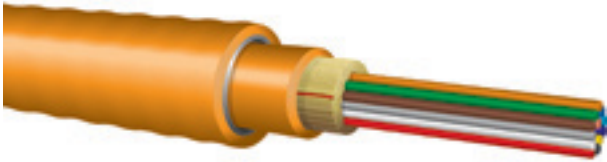
Mechanical and Environmental		
	Inner Cable	Entire Cable
Impact Resistance EIA/TIA-455-25A	Per ICEA-S-83-596( EIA/TIA-455-25A)	20 Impacts
Crush Resistance TIA/EIA-455-41A	1500 (TIA/EIA-455-41A)	650 N/cm
Flex Resistance	1000 (TIA/EIA-455-104A)	25 N/cm
Operating Temperature	0°C to +70°C	-40°C to +85°C
Storage Temperature	0°C to +70°C	-40°C to +85°C
Installation Temperature (actual temp. of cable)	0°C to +60°C	0°C to +60°C
Flame Retardancy	UL Listed Type OFNP (ANSI/NFPA 262) and FT6 (CSA C22.2 No. 232)	UL Listed Type OFCP (ANSI/NFPA 262) and FT6 (CSA C22.2 No. 232)

Installation and Operating Characteristics		
Inner Cable		
	Installation	Operating
Max Tensile Load	3,000 N (670 lbs)	1,000 N (220 lbs)
Min Bend Radius	11.8 cm (4.6 in)	11.8 cm (4.6 in)
Outer Cable		
	Installation	Operating
Max Tensile Load	1,350 N (300 lbs)	400 N (90 lbs)
Min Bend Radius	32.2 cm (12.7 in)	24.2 cm (9.5 in)

Cable Characteristics	
Inner Cable	
Jacket Color	Yellow
Jacket Material	Fluoropolymer
Buffer Material	Soft Plenum
Cable Weight	71 kg/km (46 lbs/1000')
Cable Diameter	8.3 mm ( 0.33 in)
Outer Cable	
Jacket Color	Yellow
Jacket Material	Fluoropolymer
Cable Weight	264 kg/km (177 lbs/1000')
Cable Diameter	16.1 mm ( 0.63 in)

24 CHANNEL  
D-Series Distribution ILA-Interlocking Armored Plenum Rated  
Cables

**Part #: DX024KSLX9YPI6**



## Applications:

- Ideal for industrial and other installations requiring a metallic armor
- Interlocking preloaded armor may eliminate the need for conduit, reducing installation costs

## Features:

- UL Listed in accordance with NEC section 770.179(a) for use in ducts, plenums and air-handling spaces
- Available with aluminum interlocking armor with flexible plenum (S) overjacket (indoor use) or fluoropolymer (K) overjacket (indoor/outdoor use)
- Greater flexibility than standard corrugated steel-armored (CST) cables
- Interlocking armor can be easily removed leaving an intact inner plenum rated cable for installation into plenums and air-handling spaces
- Wide operating temperature of -40°C to +85°C for indoor/outdoor (K Jacket)