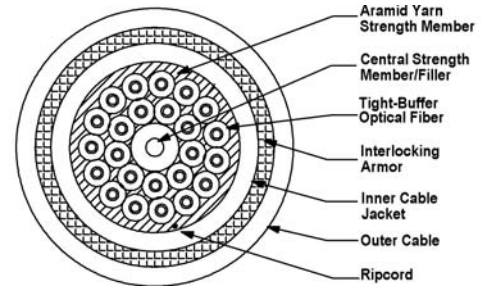


Part #: DX024DWLS9ORI2

**24 CHANNEL
D-Series Distribution – Interlocking Armor (ILA)
Riser Rated Cables**



Laser Ultra-Fox™ Fiber Performance	
Fiber Code	WLS
Industry Standard Designation	OM1 ISO/IEC 11801
Core/Cladding Diameter (µm)	62.5/125
Numerical Aperture	0.275
Wavelength (nm)	850/1310
Gigabit Ethernet Distance	300/600
10-Gigabit Ethernet Distance	33/300
Maximum Cabled Attenuation (dB/km)	3.5/1.5
Minimum Laser EMB Bandwidth (MHz-km)	220/500
Minimum OFL LED Bandwidth (MHz-km)	200/500
Primary Coating Diameter (µm)	245
Secondary Coating Diameter (µm)	900
Proof Test Level (kpsi)	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 N/cm	650 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)	UL Listed Type OFCR (UL 1666) and FT4 (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	13.4 cm (5.3 in)	8.9 cm (3.5 in)
Outer Cable		
	Installation	Operating
Max Tensile Load	1,350 N (300 lbs)	400 N (90 lbs)
Min Bend Radius	33.4 cm (13.1 in)	25.1 cm (9.9 in)

Cable Characteristics	
Inner Cable	
Jacket Color	Orange
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	Orange
Jacket Material	Indoor / Outdoor PVC
Cable Weight	239 kg/km (161 lbs/1000')
Cable Diameter	16.7 mm (0.66 in)

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

NOTE: SEE APPLICATION ENGINEERING NOTE:
INTERLOCKING ARMOR CABLE PULLING GRIP
INSTALLATION PROCEDURE