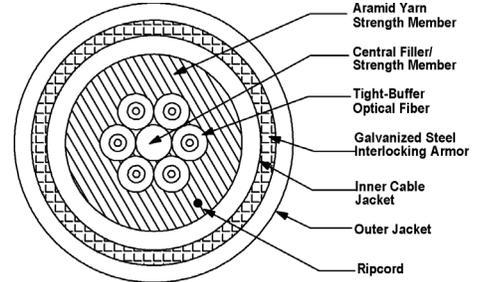


**Part #: DX006TALE9QP18**

**6 CHANNEL  
D-Series Distribution – ILA-Interlocking Armored  
Plenum Rated Cables**



Laser Ultra-Fox™ Fiber Performance	
Fiber Code	ALE
Industry Standard Designation	Laser Optimized OM4 Bend Insensitive ISO/IEC 11801
Core/Cladding Diameter (µm)	50/125
Numerical Aperture	0.20
Wavelength (nm)	850/1310
Gigabit Ethernet Distance (m)	1040/600
10-Gigabit Ethernet Distance (m)	550/300
Maximum Cabled Attenuation (dB/km)	3.0/1.0
Minimum Laser EMB Bandwidth (MHz-km)	4700/500
Minimum OFL LED Bandwidth (MHz-km)	3500/500
Primary Coating Diameter (µm)	245
Secondary Coating Diameter (µm)	900
Proof Test Level (kpsi)	100

Installation and Operating Characteristics		
Inner Cable		
	Installation	Operating
Max Tensile Load	1,400 N (310 lbs)	450 N (100 lbs)
Min Bend Radius	7.1 cm (2.8 in)	4.7 cm (1.9 in)
Outer Cable		
	Installation	Operating
Max Tensile Load	1,350 N (300 lbs)	400 N (90 lbs)
Min Bend Radius	25.2 cm (9.9 in)	18.9 cm (7.4 in)

Mechanical and Environmental		
	Inner Cable	Entire Cable
Flex Resistance TIA-455-104	1,000 Cycles	25 Cycles
Crush Resistance TIA-455-41	1,500 N/cm	650 N/cm
Operating Temperature	0°C to +70°C	0°C to +70°C
Storage Temperature	-40°C to +70°C	-40°C to +70°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)

Cable Characteristics	
Inner Cable	
Jacket Color	Aqua 10GIG
Jacket Material	Flame Retardant Low Smoke Plenum
Buffer Material	Soft Plenum
Cable Weight	22 kg/km (15 lbs/1000')
Cable Diameter	4.7 mm (0.19 in)
Outer Cable	
Jacket Color	Aqua 10GIG
Jacket Material	Flame Retardant Low Smoke Plenum
Cable Weight	147 kg/km (99 lbs/1000')
Cable Diameter	12.6 mm (0.50 in)

NOTE: SEE APPLICATION ENGINEERING NOTE: INTERLOCKING ARMOR CABLE PULLING GRIP INSTALLATION PROCEDURE. THIS CABLE CONTAINS A GALVANIZED STEEL INTERLOCKED ARMOR. PROPER GROUNDING TECHNIQUES MUST BE FOLLOWED.