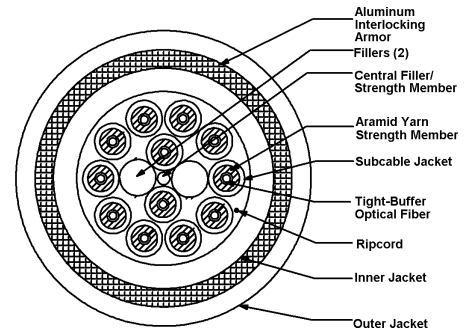


Part #: BX012KALE9QPI6

**12 CHANNEL
B-Series Breakout Interlocking Armor (ILA) 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
Numeric 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 Buffer Diameter (µm)	900
Proof Test Level (kpsi)	100

Mechanical and Environmental		
	Inner Cable	Entire Cable
Impact Resistance EIA/TIA-455-25A	1,000 Impacts	20 Impacts
Crush Resistance TIA/EIA-455-41A	2,100 N/cm	650 N/cm
Flex Resistance	2,000 cycles	25 cycles
Operating Temperature	-40°C to +85°C	-40°C to +85°C
Storage Temperature	-40°C to +85°C	-40°C to +85°C
Installation Temperature (actual temp. of cable)	0°C to +60°C	0°C to +60°C (cable temp.)
Flame Retardancy	UL Listed Type OFNP (ANSI/NFPA 262) and FT6 (CSA C22.2 No. 232)	UL listed OFCP (ANSI/NFPA 262) and FT6 (CSA C22.2 No. 232)

Installation and Operating Characteristics		
Inner Cable		
	Installation	Operating
Max Tensile Load	4,800 N (1,080 lbs)	1,200 N (270 lbs)
Min Bend Radius	15.0 cm (5.9 in)	15.0 cm (5.9 in)
Outer Cable		
	Installation	Operating
Max Tensile Load	1,350 N (300 lbs)	400 N (90 lbs)
Min Bend Radius	36.4 cm (14.3 in)	27.3 cm (10.7 in)

Cable Characteristics	
Inner Cable	
Jacket Color	Aqua
Jacket Material	Fluoropolymer
Buffer Material	
Subunit OD	2.0 mm
Cable Weight	105 kg/km (71 lbs/1000')
Cable Diameter	10.0 mm (0.39 in)
Outer Cable	
Jacket Color	Aqua
Jacket Material	Fluoropolymer
Cable Weight	304 kg/km (204 lbs/1000')
Cable Diameter	18.2 mm (0.72 in)

12 CHANNEL

B-Series Breakout Interlocking Armor (ILA) Plenum Rated Cables

Part #: BX012KALE9QPI6



Standards

OCC indoor/outdoor tight-buffered fiber optic cables meet functional requirements of the following standards:

- UL 1651
- ANSI/NFPA 262
- ICEA-S-83-596

Applications:

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

Features:

- Inner cable is a fully functional B-Series Breakout Plenum Rated Cable
- Cable materials are indoor/outdoor – UL-listed OFCP and UV, water and fungus resistant
- UL listed in accordance with NEC section 770.179(a) for use in ducts, plenums and air-handling spaces
- Aluminum interlocking armor with plenum fluoropolymer (K) overjacket
- Greater flexibility than standard corrugated steel-armored (CST) cables
- Interlocking armor can be easily removed, leaving an intact inner cable
- 2.0mm subunits are standard
- Wide operating temperature of -40°C to +85°C for (K jacket) cables