Part #: BX004ZALT9KE

4 CHANNEL
B-Series Breakout – LSZH OFNR-LS and IEC Rated Cables

Central Strength Member/Filler
Tight-Buffer Optical Fiber
Aramid Yarn Strength Member
Subcable Jacket
Ripcord
Cable Jacket
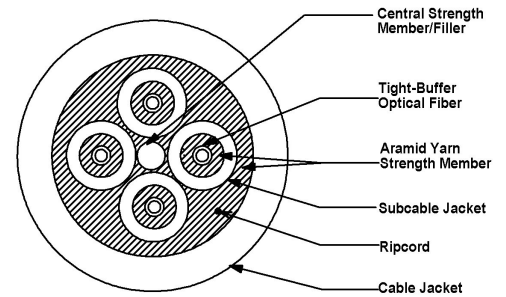
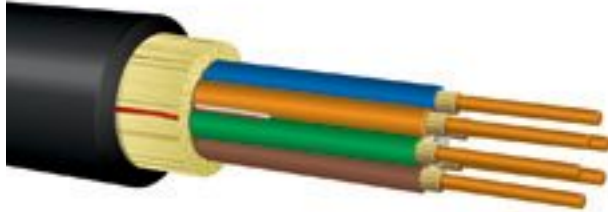| Laser Ultra-Fox™ Fiber Performance	
Fiber Code	ALT
Industry Standard Designation	Laser Optimized OM3 Bend Insensitive ISO/IEC 11801
Core/Cladding Diameter (µm)	50/125
Numeric Aperture	0.20
Wavelength (nm)	850/1310
Gigabit Ethernet Distance (m)	1000/600
10-Gigabit Ethernet Distance (m)	300/300
Maximum Cabled Attenuation (dB/km)	3.0/1.0
Minimum Laser EMB Bandwidth (MHz-km)	2000/500
Minimum OFL LED Bandwidth (MHz-km)	1500/500
Primary Coating Diameter (µm)	245
Secondary Buffer Diameter (µm)	900
Proof Test Level (kpsi)	100

Installation and Operating Characteristics		
	Installation	Operating
Max Tensile Load	2,000 N (450 lbs)	800 N (180 lbs)
Min Bend Radius	13.8 cm (5.4 in)	9.2 cm (3.6 in)

Mechanical and Environmental	
Impact Resistance EIA/TIA-455-25A	1,500 Impacts
Crush Resistance TIA/EIA-455-41A	2,200 N/cm
Flex Resistance	2,000 cycles
Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +85°C
Installation Temperature (actual temp. of cable)	-20°C to +60°C
Flame Retardancy	UL listed type OFNR-LS (UL 1666 & UL 1685), FT4 (CSA C22.2 No. 232) and IEC 60332-3-24, IEC 60754-2, IEC 61034-2

Cable Characteristics	
Jacket Color	Black
Jacket Material	Low Smoke Zero Halogen
Buffer Material	Hard Elastomeric
Subunit OD	2.5 mm
Cable Weight	84 kg/km (56 lbs/1000')
Cable Diameter	9.2 mm (0.36 in)

This specification is valid as of 05/15/18 16:16, however, the specification is subject to change at any time.

![OCC Optical Cable Corporation logo]

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Applications

- Fiber Optic tray Cable: Suitable for use in cable trays
- Low-smoke and zero-halogen cable suitable for indoor and outdoor applications requiring an extremely rugged cable where maximum mechanical and environmental protection are necessary
- Easiest cable to install where direct termination of the subcable to a connector and a direct run to panels and equipment are desired

Features

- Zero-halogen construction meets IEC 60754-2
- Meets low-smoke requirements of IEC 61034-2 and UL 1685 OFNR-LS
- Flame-retardant to the requirements of IEC 60332-3-24 and UL 1666 OFNR
- Suitable for indoor or outdoor applications
- Jacket is UV, fungus and moisture resistant
- Round cable construction for easy handling and termination
- Breakout style cable with 2 to 24 fibers
- 2.0mm and 2.5mm subcables (2.9mm also available)
- Suitable for indoor/outdoor confined spaces including:
  - Building risers
  - Cable trays
  - Central offices
  - Mass-transit rail systems
  - Nuclear plants
  - Underground subway stations and tunnels