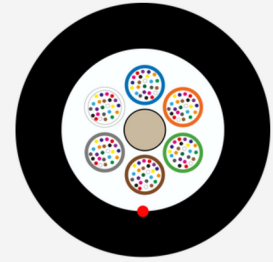


Multimode OM3 Indoor Multi-Fiber Breakout Cable, LSZH - FFLM3MTx



DESCRIPTION

FABNET Indoor Low Smoke Zero Halogen (LSZH) Breakout Cables are perfectly suited for rugged applications and installations requiring increased performance. LSZH-rated I/O Breakout cables are available from 48-144 count with variable sub-cable dimensions to support specific termination and routing requirements. The offered cables are fully compliant with the relevant IEC specifications. Each individual fiber is coated with a tight buffer layer, which provides physical protection and simplifies handling and termination.

APPLICATIONS

- Operates at wavelengths of 850 nm and 1300 nm.
- ETHERNET: 10BASE – 10GBASE(100BASE, 1000BASE, 10GBASE).
- Metal free indoor cable
- Completely dry design
- Halogen free and non-corrosive fire gases
- Cables are specifically designed for indoor applications, mainly used in intra-building

SPECIFICATIONS & FEATURES

- Compliant with ANSI/TIA-568.3-D, ISO/IEC 11801
- Outer Jacket: LSZH (Low Smoke Zero Halogen) flame retardant, Aqua/Black
- 900 Microns Tight buffered fibers support fast field installations.
- High Modulus, Aramid yarn as a peripheral strength member.

MECHANICAL & PHYSICAL PROPERTIES

Number of cores	48 to 144 Cores	Fiber Type	OM3 Multimode (G.651)
Impact Resistance	Wp=1.0 J, 20	Max. Tensile Strength	2000 N (Installation)
Tensile Force	1500 N (In Service)	Crush Resistance	1000 N (Long Term)
Flame Test	IEC 60332-1-2	Cable Bending	R= 20 x D, 6 turns, 10 cycles
Color of Fibers in Per Tube (12 Core)	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua	Operating Temperature	-40 to +70 °C
Flammability Rating	EuroClass/LSZH	Installation Temperature	-40 to +70 °C
Jacket Color	Aqua/Black	Storage Temperature	-30 to +60 °C
Flame Test	IEC 60332-1-2	Repeated Bending	R= 20 x D, 25 cycles, 40 N

TRANSMISSION CHARACTERISTICS & RATINGS

Attenuation at 850 nm (dB/Km)	≤ 2.5
Attenuation at 1300 nm (dB/Km)	≤ 0.8
Fire Propagation	IEC 60332-1-2
Smoke Density	IEC 61034-2
Halogen Acid Gas	IEC 60754-1
Degree of Acidity	IEC 60754-2
2011/65/EC (RoHS)	Compliant
Euroclass CPR Level	B2ca, s1a, d0, a1

PACKING DETAILS

Length (Mtr)	Approx. OD(mm)	Packaging Type
1000	9.4±0.5 to 16.5±0.5	DRUM
2000	9.4±0.5 to 16.5±0.5	DRUM

ORDERING INFORMATION

FFLM3MTx
x-Fiber Core Variants (48/72/96/144)

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