

Indoor Mono Tube Fire Resistant Cable - Multimode

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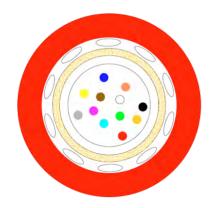
- Multimode

Product Details:

A fire resistant mono tube cable featuring heat resistant Mica tape, glass yarns and an LSZH jacket making it suitable for use in applications such as fire alarm systems, requiring up to 120 minutes of fire resistance in accordance with IEC 60331-25.

Features and Benefits:

- Fire resistant to IEC 60331-25 @ 750°C 120 minutes
- · Heat resistant Mica tape
- Red LSZH UV resistant jacket
- · Aramid glass yarns provide protection and strength
- · Mono tube gel filled construction



Physical Characteristics:

Number of Fibres	6		12			
Number of Fibres per Tube	up to 12					
Number of Elements						
Tube/Filler Diameter	2.8mm 7.5mm 60kg/km					
Nominal Cable Diameter						
Nominal Cable Weight						
Max. Tensile Strength	2.0kN 2.5kN/100mm (Long Term)					
Max. Crush Resistance						
Max. Impact	10 Joules					
Min. Bending Radius	15 x cable OD Installation 10 x cable OD Long term					
Temperature Range	Storage: -40° to 70°C	Installation: -5° to 50°C	Operation: -30° to 70°C			
Waterblocking		Thixotropic Gel filled tube				
Fire Protection Material	Mica Tape Glass Yarns Material: UV Resistant LSZH. Colour: Red IEC 60332-1					
Rodent Protection						
Outer Sheath						
Flame Retardant						
Fire Retardant		IEC 60332-3-24				
Fire Resistance	IEC 60331-25 120 minutes @ 750°C Max Attenuation 0.					

Identification:

Fibre & Buffer Colour Code Chart

No.	1	2	3	4	5	6	7	8	9	10	11	12
Colour	blue	orange	green	brown	grey	white	red	black	yellow	violet	pink	aqua
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Fillers are either natural (opaque) or black, jelly filled tubes (with no fibres) are also used.





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Optical Characteristics - Multimode Graded Index:

Compliant with the following standards: ISO/IEC 11801, ITU-T G.651.1					
Optical Properties					
Fibre Type	OM3				
IEC Standard	11801				
Core Diameter	50um				
Cladding Diameter	125um				
Buffer Diameter	242um				
Max. Attenuation of Cable					
@ 850nm	2.8dB/km				
@ 1300nm	0.8dB/km				

Ordering Information:

Number of Cores	ОМЗ
6	CAB-MT-06-MM3FR
12	CAB-MT-12-MM3FR

