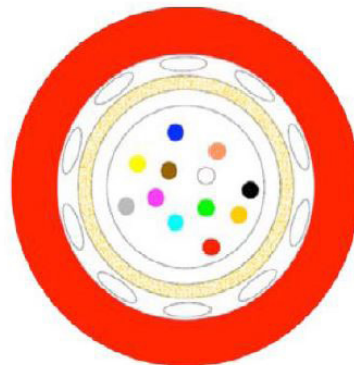


FEATURES

- ✓ Fire resistant fibre 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



PRODUCT DESCRIPTION

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 which require up to 120 minutes of fire resistance in accordance with IEC 60331-25.

Note: This is an indent item, lead times of up to 6-8 weeks may apply.

PHYSICAL CHARACTERISTICS

Number of fibres	6	12
Number of fibres per tube	up to 12	
Number of elements	1	
Tube/filler diameter	2.8mm	
Nominal cable diameter	7.5mm	
Nominal cable weight	60kg/km	
Max. tensile strength	2.0kN	
Max. crush resistance	2.5kN/100mm (long term)	
Max. impact	10 joules	
Min. bending radius	15 x cable OD installation	10 x cable OD long term
Temperature range	Storage: -40°C to 70°C Installation: -5°C to 50°C Operation: -30°C to 70°C	
Waterblocking	Thixotropic gel filled tube	
Fire Protection Material	Mica tape	
Rodent protection	Glass yarns	
Outer sheath	Material: UV resistant LSZH	Colour: red
Flame retardant	IEC 60332-1	
Fire retardant	IEC 60332-3-24	
Fire resistance	IEC 60331-25 120 minutes @ 750°C max attenuation 0.5dB	
ACMA compliance	AS/ACIFS008 (test report FO-2018-051)	

Note: This product is not mechanically armed and will require mechanical protection, e.g. steel conduit, in cable trays or concealed in the ground.

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

Fillers are either natural (opaque) or black, jelly filled tubes (with no fibres) are also used.

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

FRF-MT-06-MM3FR	Fire Resistant 6 Core Multimode Fibre Cable per metre
FRF-MT-12-MM3FR	Fire Resistant 12 Core Multimode Fibre Cable per metre