

## MD-0625 (Multitube with Dielectric Armour (FRP))

Outdoor Cable (Multitube with Dielectric Armour)

### Description

#### Characteristics & Applications

Nexans fibre cable MD-0625 is designed for following installation conditions :

- Suitable for use in ducts or direct burial
- All dielectric design
- Provides rodent protection
- Up to 72 fibres

Nexans fibre cable MD-0625 can include MM62.5, MM50 and SM G652 fibres.

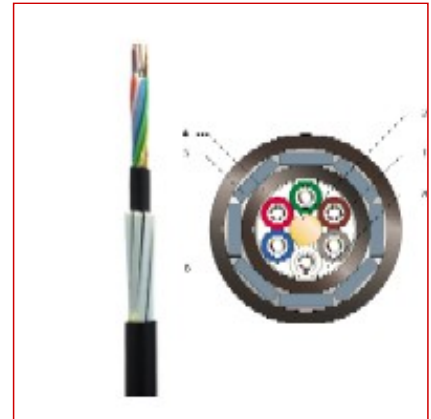
For MM we offer different grades of fibre to suit your application: GIGALite, GIGALite II, GIGALite 3 (MM50 only) or GIGALite 4 (MM50 only).

#### Installation

- Set cutter blade at 2.00 mm
- Cut and remove the outer sheath for a minimum of 10 cm to access the ripcord
- Remove the outer sheath using ripcord
- Cut FRP armour
- Once stripped you have a LSZH-FR cable
- Set cutter blade at 1 mm
- Cut and remove inner sheath

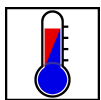
#### Construction

1. 6 gel filled tubes containing up to 12 individually coloured fibres
2. Central FRP strength member
3. Water swellable yarns
4. Flame retardant halogen free inner sheath
5. Dielectric armour (Flat FRP)
6. PE outer sheath

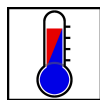


#### Standards

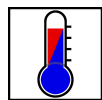
**International** EN 187000;IEC 60794



Ambient installation temperature, range  
0 .. 40 °C



Operating temperature, range  
-40 .. 80 °C



Storage temperature, range  
-40 .. 80 °C



Laying operation bending radius  
350.0 mm

















Minimum static operating bending radius  
315.0 mm

## MD-0625 (Multitube with Dielectric Armour (FRP))

### Characteristics

Construction characteristics	
Armour type	FRP Dielectric
Inner sheath	LSHFRR compound
Outer sheath	PE
Type of cable	Loose tube
Dimensional characteristics	
Number of tubes	6
Nominal outer diameter	14.7 mm
Approximate weight	220 kg/km
Mechanical characteristics	
Admissible traction load	1000.0 daN
Maximum tensile load during service	550.0 daN
Crush resistance (IEC 60794-1-2-E3)	600 N/cm
Usage characteristics	
Installation type	Outdoor - Direct burial
Rodent protection	High
Ambient installation temperature, range	0 .. 40 °C
Operating temperature, range	-40 .. 80 °C
Storage temperature, range	-40 .. 80 °C
Laying operation bending radius	350.0 mm
Minimum static operating bending radius	315.0 mm

### EIA Fibre Colour Coding-12-M

EIA Fibre Colour Coding		
Fibre	Colour	
1	Blue	
2	Orange	
3	Green	
4	Brown	
5	Grey	
6	White	
7	Red	
8	Black	
9	Yellow	
10	Violet	
11	Pink	
12	Turquoise	
EIA Tube Colour Coding (Tubes are numbered)		
Fibre type	Colour	
MM62.5	Blue	
MM50	Green	

## MD-0625 (Multitube with Dielectric Armour (FRP))

SM	Yellow	
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### Selling delivery information

#### Standard Marking

NNNNN - MD-0625 - FIBRE OPTIC CABLE - XXX\*YY - FB - TN - metric

NNNNN = Nexans (For GIGALite) or GIGALite II or GIGALite 3 or GIGALite 4 (Depending on the selected fibre quality)

XXX = Fibre Count

YY = Fibre Type : MM62.5 or MM50 or SM

FB = Produced in Frameries, Belgium

TN = Traceability Number