Cable 48 FO OS2 9/125 µm singlemode indoor/outdoor central loose tube Cable, corrugated steel tape + mica tape reinforcement, 180min fire resistant / 120min circuit integrity with shock, LSZH orange jacket

GGM F48B9CFIRST

Indoor/outdoor loose tube cable (250 µm fibres), HFFR outer jacket.

Its Halogen Free Flame Retardant and UV resistant outer jacket is perfectly adapted for the most demanding environments and allows to maintain circuit integrity up to 3 hours in case of fire.

Thanks to a CST reinforcement, it is also highly resistant to crushing and can be directly buried into the ground.

Product features

- Produit : Loose tube LSZH Fire resistant

Article features

- Operating environment : Indoor / Outdoor
- Fiber amount : 48
- Cable type : Loose tube
- Strength member: : Corrugated steel tape + glass yarns
- Watertightness : Waterblocking glass yarns
- Diameter (mm) : 10
- Bending radius - minimum static (mm) : 100
- Bending radius - minimum dynamic (mm) : 200
- Crush resistance (N) : 2000
- Outer sheath : LSFRZH
- Fire behaviour : IEC 60332-3/IEC60331-25/PH120 EN 50200
- Outer jacket colour : Orange
- Operating temperature : -40°C to +70°C
- Cable weight (kg/km) : 154
- Packaging : 2000m
- Marking : [Length] [GIGAMEDIA] [GGM F48B9CFIRST] [48FO 9/125 OS2 CLT LSZH FE180/PH120] [Week/Year] [Supplier Lot No (op.no)]
- Bandwidth @850 nm : N/A
- Bandwidth @1300 nm : N/A
- Bandwidth at 1310/1550 nm : None

ETIM 9 features

- Fibre count : 48
- Structure : Central tube
- Fibre optic category : Single mode 9/125

- Category : OS2
- Strain relief : No
- Rodent protected : Yes
- Armouring/reinforcement : Lap-screen
- Material armouring : Steel
- Jacket type : Other
- Specification material outer sheath : Other
- Jacket colour : Orange
- Longitudinal water blocking cable : Yes
- Radial water blocking cable : Yes
- Metal free cable : No
- Cable geometry : Round
- Flame retardant according to IEC 60332-1-2 : Yes
- Flame retardant according to IEC 60332-3-21 (Cat A F/R) : Yes
- Flame retardant according to IEC 60332-3-24 (Cat C) : Yes
- Low smoke according to EN IEC 61034-2 : Yes
- Halogen free according to EN IEC 60754-1 : Yes
- Halogen free according to EN IEC 60754-2 : Yes
- Reaction-to-fire according to EN 13501-6: Class : None
- Reaction-to-fire according to EN 13501-6: Smoke production : None
- Reaction-to-fire according to EN 13501-6: Flaming droplets/particles : None
- Reaction-to-fire according to EN 13501-6: Acidity : None
- Oil resistant : No
- Resistant to chemicals : No
- UV resistant : Yes
- Cable OD : 10 mm
- Min. permitted bending radius, stationary application/permanent installation : 100 mm
- Max. tensile strength during installation : 1200 kN
- Suitable for underground installation : Yes
- Blowed cable : Yes
- Weight : 154 kg/km