



**Cable 12 FO OS2 9/125 μ m 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 F12B9CFIRST



Indoor/outdoor loose tube cable (250 μ m 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 : 12
- Cable type : Loose tube
- Strength member : Corrugated steel tape + glass yarns
- Watertightness : Waterblocking glass yarns
- Diameter (mm) : 9
- Bending radius - minimum static (mm) : 90
- Bending radius - minimum dynamic (mm) : 180
- 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) : 136
- Packaging : 2000m
- Marking : [Length] [GIGAMEDIA] [GGM F12B9CFIRST] [12FO 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 : 12
- 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 : 9 mm
- Min. permitted bending radius, stationary application/permanent installation : 90 mm
- Max. tensile strength during installation : 1200 kN
- Suitable for underground installation : Yes
- Blowed cable : Yes
- Weight : 136 kg/km