Cable 144 fibres (12F/Tube) OM4 50/125 indoor/outdoor with hydroblocking glass yarns protection, LSZH, Dca-s2,d1,a1 class, erika violet colour outer jacket

GGM F144MT4DLST



Multiloose tube fiber optic cable (250 µm fibers), LSZH Dca outer jacket.

Product features

- Cable type : Loose tube 250 µm
- Installation : indoor/outdoor
- Watertightness : Dry & longitudinal
- Fiber color code : IEC 60304
- Jacket : LSOH
- Euroclass : Dca-s2, d1, a1

Article features

- Bandwidth @1300 nm : OM4 >= 500 MHz/km
- Bandwidth at 1310/1550 nm : N/A
- Bandwidth @850 nm : OM4 >= 4700 MHz/km
- Bandwidth at 850 nm emb : OM4 >= 4700 MHz/km
- Bending radius - minimum static (mm) : 122
- Bending radius - minimum dynamic (mm) : 183
- Cable weight (kg/km) : 171
- Packaging : 2100 M
- Crush resistance (N) : 2000
- Diameter (mm) : 12.2
- Fire behaviour : EN 13501-6 ; Dca-s2, d1, a1; EN 50575; EN 50399; EN 60332-1-2
- Marking : [Length] [GGM F144MT4DLST] [GIGAMEDIA 144FO 50/125 OM4 MLT LSZH] [Dca s2 d1 a1] [FMT FO CABLE FMT144K] [Week/Year]
- Attenuation : 850nm : OM4 <= 2.0 dB/km - 1300 nm: OM4 <= 0.5 dB/km
- Fiber amount : 144
- Strength member: : Glass yarns protection against rodent
- Operating temperature : -40°C - +70°C
- Bandwidth at 850 nm dmd : OM4 >= 3500 MHz/km
- Central strength member : Yes
- Jacket type : LSZH
- Tensile strength (n) : 7300
- Operating environment : Indoor / Outdoor

ETIM 10 features

- Number of fibres : 144
- Type of tube : Central tube
- Number of fibres per tube : 12
- Fibre type : Multi mode 50/125
- Category : OM4
- With strain relief : No
- With rodent protection : Yes
- Armouring/reinforcement : Other
- Material armouring : Other
- Material outer sheath : Other



- Specification material outer sheath : Other
- Colour outer sheath : Purple
- Longitudinal water blocking cable : Yes
- Radial water blocking cable : Yes
- Cable metal free : Yes
- Cable geometry : Round
- Flame retardant according to IEC 60332-1-2 : Yes
- Flame retardant according to IEC 60332-3-21 (Cat A F/R) : No
- Low smoke according to EN IEC 61034-2 : Yes
- Reaction-to-fire according to EN 13501-6: Class : Dca
- Reaction-to-fire according to EN 13501-6: Smoke production : s2
- Reaction-to-fire according to EN 13501-6: Flaming droplets/particles : d1
- Reaction-to-fire according to EN 13501-6: Acidity : a1
- Oil resistant according to EN IEC 60811-404 : No
- Resistant to chemicals : No
- Outer diameter approximate : 12.2 mm
- Min. permitted bending radius, stationary application/permanent installation : 122 mm
- Max. tensile strength during installation : 73 kN
- Suitable for underground installation : No
- Blow in : No
- Weight : 171 kg/km