# Cable 48 fibers OS2 9/125µm singlemode central loose tube gel-free Cable, 1x48FO (2 bundles of 24FO), indoor/outdoor use with corrugated steel tape anti rodent protection + hydro-blocking glass yarns, LSZH B2ca outer jacket, yellow colour

**GGM FO48B9BCLST**



Loose structure indoor/outdoor cable (250 µm fibres) steel armoured, LSOH.
sheath Equipped with a steel reinforcement, it is resistant to crushing and can be buried directly.
Available with an LSOH-FR B2ca outer sheath, it is suitable for the most demanding environments in terms of fire performance.

## Product features

- Cable type : Loose tube 250 µm
- Installation : indoor/outdoor
- Watertightness : Dry & longitudinal
- Fiber color code : IEC 60304
- Jacket : LSOH
- Euroclass : B2ca

## Article features

- Bandwidth @1300 nm : N/A
- Bandwidth at 1310/1550 nm : Os2 >= 10,000 mhz/km
- Bandwidth @850 nm : N/A
- Bandwidth at 850 nm emb : N/A
- Bending radius - minimum static (mm) : 92
- Bending radius - minimum dynamic (mm) : 184
- Cable weight (kg/km) : 137
- Packaging : 2000m
- Crush resistance (N) : 2000
- Diameter (mm) : 9.2
- Fire behaviour : EN 13501-6 : B2ca, s1a, d1, a1 ; EN 50575, EN 50399, EN 60332-1-2
- Marking : [Longueur] [GIGAMEDIA] [GGM FO48B9BCLST] [48FO 9/125 OS2 CLT CST LSZH] [B2ca s1a d1 a1] [CLT FO CABLE FCTBC024V] [Semaine/Année] [N°Lot]
- Attenuation : At 1310 nm: os2 <= 0.36 db/km
- Fiber amount : 48
- Strength member: : Corrugated steel tape + glass yarns protection against rodents
- Operating temperature : -40°C to +70°C
- Bandwidth at 850 nm dmd : N/A
- Central strength member : No
- Jacket type : LSZH-FR
- Tensile strength (n) : 1000
- Operating environment : Indoor / Outdoor

## ETIM 10 features

- Number of fibres : 48
- Type of tube : Central tube
- Number of fibres per tube : 24
- Fibre type : Multi mode 50/125
- Category : OS2



- With strain relief : No
- With rodent protection : Yes
- Armouring/reinforcement : Lap-screen
- Material armouring : Steel
- Material outer sheath : Other
- Specification material outer sheath : Other
- Colour outer sheath : Yellow
- Longitudinal water blocking cable : Yes
- Radial water blocking cable : Yes
- Cable metal free : 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 : B2ca
- Reaction-to-fire according to EN 13501-6: Smoke production : s1a
- 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 : 9.2 mm
- Min. permitted bending radius, stationary application/permanent installation : 184 mm
- Max. tensile strength during installation : 10 kN
- Suitable for underground installation : Yes
- Blow in : No
- Weight : 137 kg/km