



## Cable 12 fibers OS2 9/125 µm singlemode outdoor central loose tube Cable + corrugated steel tape with hydro-blocking glass yarns, HDPE black outer jacket

**GGM FO12B9CST**



Free structure unitube cable (250 µm fibre) wire armoured HDPE sheath.

### Product features

- Cable type : Loose tube 250 µm
- Installation : outdoor
- Reinforcement : CST + hydroblocking glass yarns
- Watertightness : Dry & longitudinal
- Fiber color code : IEC 60304
- Jacket : PEHD
- Colour : Black

### 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) : 120
- Bending radius - minimum dynamic (mm) : 160
- Cable weight (kg/km) : 70
- Packaging : On cut
- Crush resistance (N) : 6000
- Diameter (mm) : 8
- Fire behaviour : N/A
- Marking : [Length] [GIGAMEDIA 12FO OS2 ACIER PEHD EXTER] [12FO 9/125 OS2 CLT O WBF M PEHD] [Week/Year]
- Attenuation : At 1310 nm: os2 <= 0.31 db/km
- Fiber amount : 12
- Strength member : Corrugated steel tape + glass yarns protection against rodents
- Operating temperature : From -30°C to +50°C
- Bandwidth at 850 nm dmd : N/A
- Central strength member : No
- Jacket type : Black HDPE, UV resistant
- Tensile strength (n) : 1200
- Operating environment : Outdoor

### ETIM 10 features

- Number of fibres : 12
- Type of tube : Central tube
- Number of fibres per tube : 12
- Fibre type : Single mode 9/125
- 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 : Polyethylene (PE)
- Colour outer sheath : Black
- 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 : No
- Flame retardant according to IEC 60332-3-21 (Cat A F/R) : No
- Flame retardant according to IEC 60332-3-22 (Cat A) : No
- Flame retardant according to IEC 60332-3-23 (Cat B) : No
- Flame retardant according to IEC 60332-3-24 (Cat C) : No
- Flame retardant according to IEC 60332-3-25 (Cat D) : No
- Low smoke according to EN IEC 61034-2 : No
- Halogen free according to EN IEC 60754-1 : No
- Halogen free according to EN IEC 60754-2 : No
- Halogen free according to EN IEC 60754-3 : No
- 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 according to EN IEC 60811-404 : No
- Resistant to chemicals : No
- Outer diameter approximate : 8 mm
- Min. permitted bending radius, stationary application/permanent installation : 120 mm
- Max. tensile strength during installation : 1200 kN
- Suitable for underground installation : Yes
- Blow in : Yes
- Weight : 70 kg/km