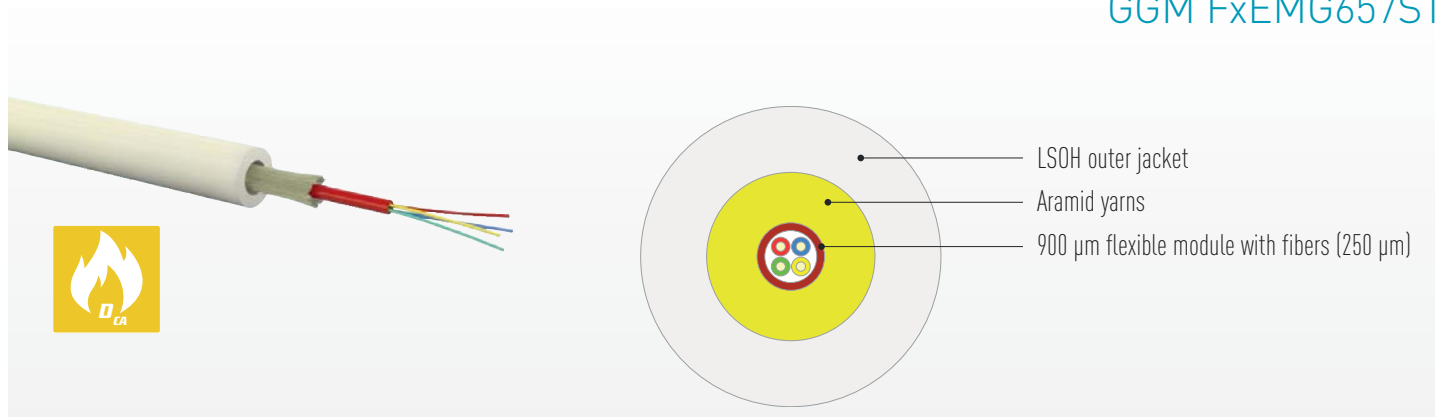


G657 FTTX DROP CABLES GGM FxEMG657ST



Gigamedia drop cables are very usefull when deploying indoor FTTx drops. They are made with a micromodule easily removable, saving time on site. It can also be fasten with staplers or run onto doors frames thanks to its conception & to integrated G657A2 fibers.

MECHANICAL & ENVIRONMENTAL PROPERTIES

- **Sheath** : LSZH (IEC 60754), UV stable and compliant to IEC 60332-1
- **Euroclass** : EN 13501-6 : Dca, s2, d0, a1 (EN 50575, EN 50399, EN 60332-1-2)
- **Fibers** : ITU-T G657A.2
- **Reinforcement** : aramid yarns
- **Outer diameter** : 4,1 mm $\pm$ 0.1
- **Outer sheath color** : white RAL9010
- **Sheath thickness** : 0.8 mm
- **Tensile strength** : 420 N (during installation)
- **Crush resistance** : 1000 N/dm
- **Impact resistance** : 3 impacts (w/18N.m)
- **Min. bending radius** : 41 mm
- **Torsion** : 10 cycles $\pm$ 720°, 50 cm, 1 kg
- **Installation temperature** : -5 °C to +55 °C
- **Operating temperature** : -20 °C to +70 °C
- **Storage temperature** : -40 °C to +70 °C
- **Weight** : 15 kg/km

OPTICAL PROPERTIES*

- **ITU-T compliance** : ITU-T G657A.2 (bend radius 10 mm, IL change <0.1 dB @ 1550 nm)
- **ISO/IEC compliance** : IEC 60793-2-50 B1.3 category OS2
- **Attenuation @1310nm** : 0.32 dB typical – 0.35 dB max.
- **Attenuation @1550nm** : 0.18 dB typical – 0.20 dB max.
- **Attenuation @1625nm** : 0.20 dB typical – 0.23 dB max.
- **Cut-Off wavelength** : $\leq$ 1260 nm
- **Mode field diameter** : 8.6 μ m $\pm$ 0.4
- **Cladding diameter** : 125.0 μ m $\pm$ 0.7
- **Coating diameter** : 242 μ m $\pm$ 5
- **Core/clad concentricity error** : $\leq$ 0.5 μ m
- **PMD** : 0.2 ps/ $\sqrt$ km
- **Zero dispersion wavelength (λ_0)** : 1304-1324 nm

FIBER COLOUR CODING

FIBER N°	COLOR
1	Red
2	Blue
3	Green
4	Yellow

PART NUMBER

GGM F2EMG657ST

2 fibers Drop cable I/O G657A.2 LSZH

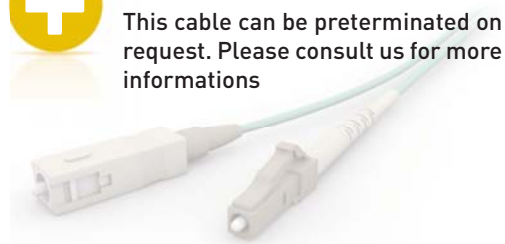
GGM F4EMG657ST

4 fibers Drop cable I/O G657A.2 LSZH



Information

This cable can be preterminated on request. Please consult us for more informations



*Full list of specifications available on request