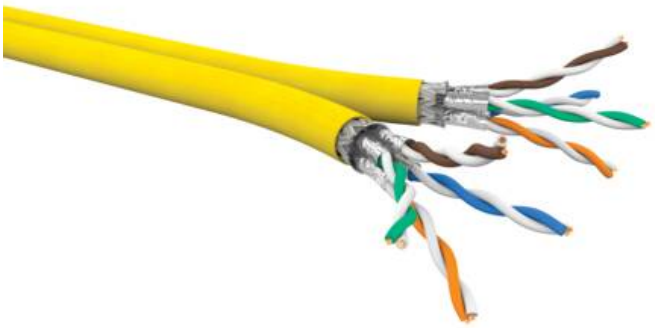
GIGAMEDIA
SMART BUILDING SOLUTIONS

Cable category 7 2x4 Pairs AWG23 S/FTP LSZH-FR Cca, Yellow (500 m drum)

GGM C7SF2X4FRT5



The GIGAMEDIA CAT7 cables are designed to exceed the specifications relative to the corresponding Class F standards and support applications up to 10 Gigabit Ethernet (10GBaseT). These cables are screened in pairs in order to optimise the NEXT (crosstalk) performance and possess a braid for overall screening. Associated with the GIGAMEDIA CAT6A screened connectors, screening by pairs as well as the overall braid also offers the possibility of optimising electromagnetic interference immunity.

Product features

- Applications : IEEE802.3 : 10GBase-T, 5GBase-T, 2.5GBase-T, 1000Base-T, 100Base-Tx, 10Base-T, IEEE 802.3af/at/bt (PoE/PoE+/4PPoE)
- Shielding : S/FTP
- Category : 7
- Standards : ANSI/TIA-568.2-D ; EN 50173 ; ISO/IEC 11801
- Frequency range : From 0 to 600 Mhz
- Impedance : 100
- Gauge (awg) : 23
- Conductor type : Solid copper
- Number of pairs : 1X4

Article features

- Jacket type : LSZH-FR
- Outer jacket colour : Yellow
- Jacket RAL : RAL 1021
- Outer sheath diameter (mm) : 15.3
- NVP (%) : 82
- Insulation diameter (mm) : 1.31
- Marking : GIGAMEDIA EN 50173 CAT7 S/FTP LSZH-FR -C7SF2X4PFR -TP048A Cca s1a d1 a1 NVP 82% 4PAIR 23 AWG [lot n°] XXXX m
- Packaging : 500 m drum

ETIM 10 features

- Cable type : S/FTP
- Duplex : Yes
- Conductor material : Copper
- Conductor surface : Bare
- Diameter conductor : 1.31 mm
- Nominal cross section conductor : 1.348 mm²
- AWG size : 23



- Conductor category : Class 1 = solid
- Number of cores : 16
- Number of stranding elements : 8
- Stranding element : Pairs
- Material core insulation : Other
- Specification core insulation : Polyethylene (PE)
- Core identification according to HD 308 S2 : No
- Core identification : Colour
- Screen over stranding element : Foil
- Stranding : Other
- Screen over stranding : Foil
- Longitudinal water blocking cable : No
- Radial water blocking cable : No
- Suitable for underground installation : No
- Approved type of underground installation : Underground installation tube
- Protective sheath : None
- Material outer sheath : None
- Colour outer sheath : Yellow
- Armouring/reinforcement : None
- Cable geometry : Round
- Flame retardant according to IEC 60332-1-2 : 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) : Yes
- Flame retardant according to IEC 60332-3-25 (Cat D) : Yes
- Low smoke according to EN IEC 61034-2 : Yes
- Halogen free according to EN IEC 60754-2 : Yes
- Reaction-to-fire according to EN 13501-6: Class : Cca
- 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
- Outer diameter approximate : 7.6 mm
- Min. permitted bending radius, moving application/free movement : 122.4 mm
- Min. permitted bending radius, stationary application/permanent installation : 61.2 mm
- Permitted cable outer temperature during assembling/handling : 00 - 50
- Permitted cable outer temperature after assembling without vibration : -20 - 70
- NVP value : 82 %
- Certified for shipboard application : No
- Segregation class according to EN 50174-2 : C
- Suitable as telephone cable : No
- Suitable as computer data cable : Yes
- Suitable as signalling cable : No
- Suitable for use as security alarm cable : No
- Drain wire : Yes
- With rip cord : No
- Weight : 120 kg/km
- Characteristic impedance : 100 Ohm
- With rodent protection : No
- Compatible with Grade2TV according to XP-C 90-483 : No
- Compatible with Grade3TV according to XP-C 90-483 : No