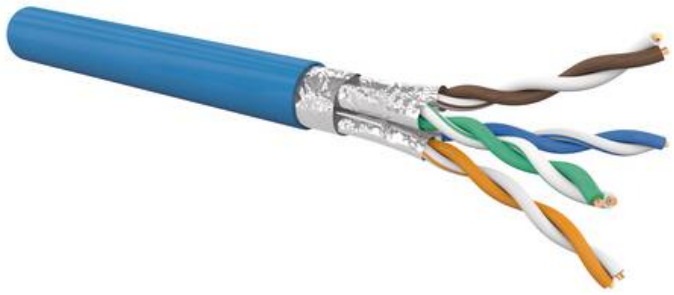
GIGAMEDIA
SMART BUILDING SOLUTIONS

Cable category 6A 4 Pairs AWG23 F/FTP LSZH Dca, Blue (500 m drum)

GGM C6AFF4PDBET5



Thanks to the control over the different production processes, the GIGAMEDIA CAT6A cable is designed to exceed the Class Ea specifications (Category 6A).. Associated with the GIGAMEDIA CAT6A connectors, you have a solution that is both high performance and high technology with twisted pairs compatible with applications requiring 10 Gigabit Ethernet. This cable has general screening and is screened in pairs in order to optimise the NEXT performance. At present its performance is tested up to 550 MHz in order to ensure an optimal bandwidth.

- 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 : F/FTP
- Category : 6A
- Standards : ISO/IEC 11801 Ed.2.2 ; EN 50173-1, EN 50173-2 et EN 50173-5 ; ISO/IEC 24764 ; IEC 61156-5 : Edition 2.0 2009-02 ; ANSI/TIA-568-C.2
- Frequency range : From 0 to 550 Mhz
- Impedance : 100
- Gauge (awg) : 23
- Conductor type : Solid copper
- Number of pairs : 1X4
- Jacket type : LSZH
- Outer jacket colour : Blue
- Jacket RAL : RAL 5013
- Outer sheath diameter (mm) : 7
- NVP (%) : 82
- Fire behaviour : EN 13501-6 : Dca s2 d1 a1 ; EN 50575 ; EN 50399 ; EN 60332-1-2
- Insulation diameter (mm) : 1.32
- Insulation Material : Polyethylene
- Marking : GIGAMEDIA EN 50173 CAT6A F/FTP LSZH -C6AFF4PZH -TP020A ? Dca NVP 82% 4PAIR 23 AWG [lot n°] XXXXXX m
- Packaging : 500 m drum
- Shield type : F/FTP
- Duplex : No
- Conductor material : Copper
- Conductor surface : Bare
- AWG size : 23
- Conductor construction : Class 1 = solid
- Number of conductors : 8
- Number of stranding elements : 4
- Pairing : Pairs
- Insulation : Other
- Specification core insulation : Polyethylene (PE)
- Core identification according to HD 308 S2 : No
- Conductor identification : Colour
- Shield : Foil
- Stranding : Other
- Longitudinal water blocking cable : No
- Radial water blocking cable : No
- Suitable for underground installation : No
- Approved type of underground installation : Underground installation tube



- Jacket colour : Blue
- Armouring/reinforcement : None
- Cable geometry : Round
- Flame retardant according to IEC 60332-1-2 : Yes
- 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) : Yes
- 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 : No
- Cable OD : 7 mm
- NVP : 78 %
- UV resistant : No
- 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
- Rodent protected : No
- Compatible with Grade2TV according to XP-C 90-483 : No
- Compatible with Grade3TV according to XP-C 90-483 : No