GIGAMEDIA
SMART BUILDING SOLUTIONS

Cable category 6A 2x4 Pairs AWG23 F/FTP LSZH Dca, Blue (500 m drum)

GGM C6AFF2X4DBET5



Warning !
This picture does not show the exact color

Tested at 550 MHz, and certified by an independent laboratory (3P), GIGAMEDIA CAT6A cables are designed to exceed the Class Ea specification, and ensure Ethernet applications up to 10 Gigabits/s, as well as PoE (remote supply according to IEEE 802.3af/at). Its general and pair screening optimises Next performance, and ensures 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 : ANSI/TIA-568.2-D ; EN 50173 ; ISO/IEC 11801
- Frequency range : From 0 to 550 Mhz
- Impedance : 100
- Gauge (awg) : 23
- Conductor type : Solid copper
- Number of pairs : 2X4
- 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 -C6AFF2X4ZH -TP022A ? Dca NVP 82% 2X4PAIR 23 AWG [lot n°] XXXXXX m
- Packaging : 500 m drum
- Shield type : F/FTP
- Duplex : Yes
- Conductor material : Copper
- Conductor surface : Bare
- Conductor OD : 0.574 mm
- Conductor cross-section : 0.259 mm²
- AWG size : 23
- Conductor construction : Class 1 = solid
- Number of conductors : 16



- Number of stranding elements : 8
- 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
- Installation temperature : 00 - 50
- Operating temperature : -20 - 70
- NVP : 82 %
- 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