



Cable category 6 U/UTP AWG23 4P NVP 67% IEC 61156-5, ANSI/TIA-568.2-D, EN50288-6-1 double jacket 4P LSZH FR Cca Yellow RAL 1021 / PE black, 500m drum

GGM C6U4PFRPET5



The GIGAMEDIA CAT6 cables are designed for applications requiring a frequency bandwidth of up to 250 MHz. These cables offer the capability to exceed the specifications related to the various standards associated with Class E. CAT6 U/UTP cable with double jackets LSFRZH Cca and PE, specially designed for outdoor use (UV protection), and allows indoor installation when the PE sheath is removed.

- Applications : IEEE802.3 : 5GBase-T, 2.5GBase-T, 1000Base-T, 100Base-Tx, 10Base-T, IEEE 802.3af/at/bt (PoE/PoE+/4PPoE)
- Shielding : U/UTP
- Category : 6
- Standards : IEC 61156-5, ANSI/TIA-568.2-D, EN50288-6-1
- Frequency range : From 0 to 300 Mhz
- Impedance : 100
- Gauge (awg) : 23
- Conductor type : Solid copper
- Number of pairs : 1X4
- Jacket type : PE
- Outer jacket colour : Black
- Jacket RAL : RAL 9005
- Outer sheath diameter (mm) : 7.2
- NVP (%) : 67
- Fire behaviour : N/A
- Insulation diameter (mm) : 1.1
- Insulation Material : Polyethylene
- Marking : GIGAMEDIA C6U4PFRPET5 EN50173 CAT6 U/UTP LSZH-FR / PE OUTDOOR CABLE NVP 67% 4 PAIR 23AWG BATCH CODE xxxx M
- Packaging : 500 M
- Shield type : U/UTP
- Duplex : No
- Conductor material : Copper
- Conductor surface : Bare
- Conductor OD : 1.1 mm
- AWG size : 23
- Conductor construction : Class 1 = solid
- Number of conductors : 4
- Insulation : Other
- Specification core insulation : Polyethylene (PE)
- Core identification according to HD 308 S2 : No
- Conductor identification : Colour
- Shield : None
- Stranding : Other
- Longitudinal water blocking cable : No



- Radial water blocking cable : No
- Suitable for underground installation : Yes
- Approved type of underground installation : Underground installation tube
- Protective sheath : Other
- Specification material outer sheath : Polyethylene (PE)
- Jacket colour : Black
- Number of sheath layers : 2
- Armouring/reinforcement : None
- 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 : Fca
- 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 : No
- NVP : 67 %
- UV resistant : Yes
- Certified for shipboard application : No
- 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 : No
- With rip cord : Yes
- Rodent protected : No
- Compatible with Grade2TV according to XP-C 90-483 : No
- Compatible with Grade3TV according to XP-C 90-483 : No