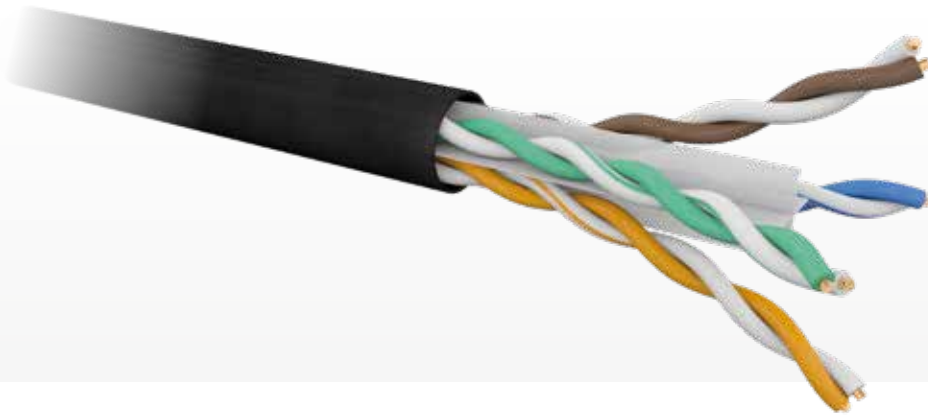


CAT5E U/UTP EXTERNAL GRADE CABLE



APPLICATIONS

- Outside building installations (i.e IP cameras, acces points)
- Specifically designed to comply with CAT5e performance requirements
- Meet and exceed all TIA/EIA 568-C.2 cable performances
- IEEE 802.5 16 MB; 10Base-T; 100Base-T; 1000Base-T

CONSTRUCTION

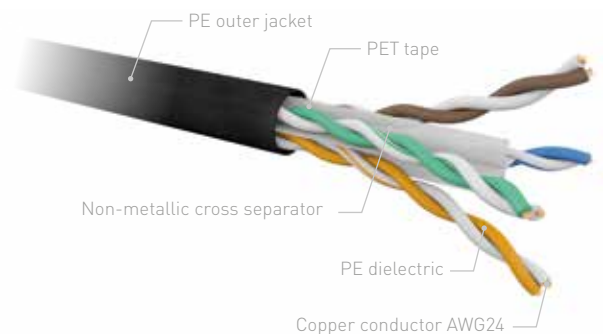
- Conductors: bare copper conductor \varnothing 0.49 mm (AWG24) with polyethylene insulation
- Insulation: polyethylene, \varnothing 0.87 mm
- Assembly: 4 twisted pairs with different pitches, non-metallic separator (spine)
- External outsheet: LDPE RAL9005
- Outer diameter: 5.4 mm

MECHANICAL CHARACTERISTICS

| ITEM | EXTERNAL DIAMETER (MM) | BENDING RADIUS MINIMUM (MM) | | \varnothing OF CONDUCTORS INSULATION (MM) | TEMPERATURE RATING INSTALLATION | INSTALLATION TENSION (N) |
|------|------------------------|-----------------------------|---------------------|---|---------------------------------|--------------------------|
| 4 | 5,4 | operationnal 4 x OD | installation 8 x OD | 1,0 | -20 °C - 50 °C | 80 |

STANDARDS

- EIA/TIA 568-C.2
- ISO/IEC 11801
- IEC 61156-5
- EN50173-1
- EN50288-6-1



ELECTRICAL CHARACTERISTICS (20 °C ± 5 °C)

- Conductor resistance: 95 Ω/km 20 °C max
- Resistance Unbalance: 5% max
- Impedance: 100 ±15 Ω

TRANSMISSION PERFORMANCE

| FREQUENCY (MHz) | ATTENUATION max. (dB/100 m) | NEXT (Pair to Pair) min. (dB/100 m) | PSNEXT min. (dB/100 m) | ACR min. (dB) | FEXT (Pair to Pair) min. (dB/100 m) | PS-ELFEXT min. (dB/100 m) |
|-----------------|-----------------------------|-------------------------------------|------------------------|---------------|-------------------------------------|---------------------------|
| 1 | 2 | 65,3 | 62,3 | 63,3 | 63,8 | 60,8 |
| 4 | 4,1 | 56,3 | 53,3 | 52,2 | 51,8 | 48,8 |
| 8 | 5,8 | 51,8 | 48,8 | 46 | 45,7 | 42,7 |
| 10 | 6,5 | 50,3 | 47,3 | 43,8 | 43,8 | 40,8 |
| 16 | 8,2 | 47,2 | 44,2 | 39 | 39,7 | 36,7 |
| 20 | 9,3 | 45,8 | 42,8 | 36,5 | 37,8 | 34,8 |
| 25 | 10,4 | 44,3 | 41,3 | 33,9 | 35,8 | 32,8 |
| 31,25 | 11,7 | 42,9 | 39,9 | 31,2 | 33,9 | 30,9 |
| 62,5 | 17 | 38,4 | 35,4 | 21,4 | 27,9 | 24,9 |
| 100 | 22 | 35,3 | 32,3 | 13,3 | 23,8 | 20,8 |

ORDERING INFORMATION

| P/N | DESCRIPTION |
|----------------|---|
| GGM C5EU4PPET3 | CAT5e 4 pairs AWG24 U/UTP PE outdoor black - Drum 305 m |