



GIGABIT STRUCTURED CABLING CABLE

IEC 61156-5

2 orderable sizes

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| STANDARD IEC 61156-5 | CONDUCTOR AWG24/1 solid bare copper, AWG26/7 stranded bare copper | INSULATION / JACKET PVC CM indoor jacket / LSZH CPR Cca indoor jacket |
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Construction

- 1 ■ **Conductor (per core)** – Bare copper conductor · 1 × Ø0.41 mm · IEC 60228 cl.1
- 2 ■ **Pair insulation** – Solid PE or foam PE pair insulation
- 3 ■ **Filler** – Bedding / filler
- 4 ■ **Sheath** – PVC CM indoor jacket

Size selection — all available cross-sections

| Cable reference | Category | Pair layout | Conductor | Bandwidth | Transmission | Shielding | Jacket / rating | Power support | Max DC resistance at 20 °C | OD guide |
|--|----------|-------------|------------------------------|-----------|-------------------------------------|-----------|----------------------|---|----------------------------|----------|
| Cat5e U/UTP LAN Cat5e 4 x 2 pair AWG24/1 solid bare copper U/UTP PVC CM indoor jacket | Cat5e | 4 x 2 pair | AWG24/1 solid bare copper | 100 MHz | 1 Gbit/s up to 100 m channel design | U/UTP | PVC CM indoor jacket | PoE / PoE+ according to installation design | 9.5 Ω/100 m max | 5.3 mm |
| Cat5e U/UTP LAN Cat5e 4 x 2 pair AWG26/7 stranded bare copper U/UTP PVC CM indoor jacket | Cat5e | 4 x 2 pair | AWG26/7 stranded bare copper | 100 MHz | 1 Gbit/s up to 100 m channel design | U/UTP | PVC CM indoor jacket | PoE / PoE+ according to installation design | 15.0 Ω/100 m max | 4.8 mm |