



ENGLISH

Datasheet

Category 5e F/UTP PVC Patch Cords

RS Stock number [556-297](#)



Description:

Category 5e Foiled Twisted Pair (F/UTP) patch cords conform to class D standards. Our patch cords are made to the highest standards, using only quality stranded cable, giving you the best in flexibility, plus, top grade 50 μ gold plated RJ45 connector plugs, for high quality connections. This combination makes for outstanding performance and reduced degradation. Aluminium tape is used to shield all 4 pairs; this gives a screened protection against external interference such as EMI. All patch cords are produced with a injection moulded boot with easy depression latch cover. Available across 8 colours, 6 standard lengths and in a PVC jacket. For best performance we recommend these as part of a full optronics category 5e system.

Specifications:

Construction

| | | |
|------------|--------------|-------------------------|
| Conductors | AWG | 26 |
| | Size mm | 0.915 +/-0.008 |
| | Material | Bare Copper |
| Insulators | Diameter mm | 0.97 +/- 0.05 |
| | Material | Polyolefin |
| | External O.D | 6.0 +/- 0.20 |
| Jacket | Thickness mm | 0.5 |
| | Material | PVC |
| Tape | Material | Mylar & Aluminium Mylar |
| | Coverage (%) | 125 |

Features:

- Quality 26 AWG stranded (flexible) cable
- High grade 50 μ gold plated RJ45 connector
- Injection moulded boot for improved strain relief
- Soft latch-cover design for easy depression

Applications:

- Supports category 5e (class D) networks running up to 100MHz applications
- Ideal fro environments where heavy external interference can disrupt signal such as EMI

Standards Compliance:

- Category 5e
- ISO/IEC 11801 : 2002
- ANSI/EIA/TIA 568B.2 : 2002
- This product conforms to the materials requirements of RoHS2
- REACH
- UL listed

