



**Bulk Cable - Category 5
UTP 4 Pair PVC 1000m
Reel**

Category 5 Cable

Molex Premise Networks Category 5 cable has been designed to support data rates of up to and including 100Mbps. This high quality cable achieves its compliance through the use of advanced materials and meticulous manufacturing techniques. Molex recommends using this cable in all LAN applications from 16 to 100MHz.

- Colour coded pairs for ease of termination
- 1000m reel
- Category 5 compliant as defined by EN 50173/ISO 11801/EIA568

Technical Information

Mechanical

Conductor Size : 24AWG Solid Soft Plain Copper
 Primary Insulation : Medium Density Polyethylene
 Nominal o.d. : 0.9mm
 Twining : Left hand lay <25.4mm
 Sheath : PVC Type 1 BS6746
 Minimal Wall : 0.6mm
 Nominal o.d. : 5.3mm
 Approvals : EC Approved



Electrical

D.C. Resistance : 88 ohm/km
 Max Mutual Capacitance : 49 nF/km
 Characteristic Impedance : 100ohm
 Attenuation (dB/km) @ 1MHz -21.9
 @ 16MHz -77.0
 @ 100MHz -215.7

 Crosstalk (dB/km) @ 1MHz -226
 @ 16MHz -180
 @ 100MHz -164

Order No.	Description	
39-504-PB	UTP Category 5 PVC 4 Pair Cable 305m	RS 196-331
39-8108	UTP Category 5 PVC 4 Pair Cable 1000m	RS 298-0885

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