



**Features and Benefits**

Molex Premise Networks PowerCat (C5E) 4 Pair UTP cable, has been designed to support high speed data transmission systems such as Gigabit Ethernet. This cable is part of the PowerCat System range of products, that have been designed based on the PowerSum principle of crosstalk measurement and testing.

We recommend that the full range of PowerCat products is used in a system to maximise cabling performance, providing extended frequency response and enhanced bandwidth.

- Enhanced performance 4 pair PVC Cable
- Category 5E Compliant
- Colour coded pairs for ease of termination
- 305m easy spool box

**Technical Information**

**Mechanical**

Conductor Size : 24 AWG Solid Soft Plain Copper  
 Primary Insulation : Solid Polyethylene  
 Nominal o.d. : 0.97mm  
 Twining : Left hand lay < 20mm  
 Sheath : PVC Type 1 BS6746  
 Minimal Wall : 0.6mm  
 Nominal o.d. 5.5mm



**Electrical**

D.C. Resistance: <90 ohm/km  
 Attenuation(db/km): @ 1MHz -1.9  
 @ 16MHz -7.2  
 @ 100MHz -19.6  
 @ 150MHz -25.6  
 @ 250MHz -33.9  
 @ 350MHz -38.8

Crosstalk (dB) @ 1MHz -80  
 @ 16MHz -58  
 @ 100MHz -44  
 @ 150MHz -38  
 @ 250MHz -35  
 @ 350MHz -36

Shipping Weight : 10.25 Kg



Order No.	Description
39.A0360	PowerCat Cable 305m box C5E