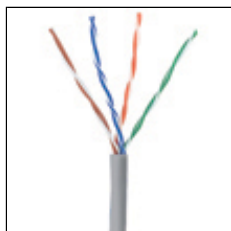


Products

PowerCat 4 Pair PVC Cable, Grey, 305m Box



Part No: 39-A0360

Region: Africa, Eastern Europe, Middle East, Northern Europe, Southern Europe, Western Europe

Molex Premise Networks PowerCat (C5E) 4 Pair UTP cable, has been designed to support high speed data transmission systems. 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.

Features & Benefits

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

Technical Info

Mechanical Characteristics

Conductor Size : 24 AWG Soft Plain Copper

Primary Insulation : Solid Polyethylene

Nominal O.D.: 0.51mm

Sheath : PVC

Minimal Wall: ± 0.03 mm

Nominal O.D.: 5mm

NVP: 68%

Applicable Standards: EN 50173 2nd Edition, ISO/IEC 11801 2nd Edition, EIA/TIA 568B.2.1

D.C. Resistance: 9.8 Ω /km maximum

Optical/Electrical Characteristics

Crosstalk (dB)

@ 1MHz: 65.3

@ 16MHz: 47.3

@ 100MHz: 35.3

@ 16MHz: 8.2
@ 100MHz: 22

PS NEXT
@ 1MHz: 62.3
@ 16MHz: 44.4
@ 100MHz: 32.3

ELFEXT
@ 1MHz: 63.8
@ 16MHz: 39.7
@ 100MHz: 23.8

PS ELFEXT
@ 1MHz: 60.8
@ 16MHz: 36.7
@ 100MHz: 20.8

Return Loss
@ 1MHz: 20
@ 16MHz: 25
@ 100MHz: 20.1

PSACR
@ 1MHz: 60
@ 16MHz: 36
@ 100MHz: 10

Propagation Delay: 513ns

Skew: 35ns

Performance

Ordering Info