



Features and Benefits

The PowerCat 6 cable is a component of the PowerCat 6 System.

Designed to comply with the Category 6 specification, the PowerCat 6 System performance is enhanced by the patented Molex plug and socket combination, allowing Category 6 level performance and backwards compatibility with the Molex Premise Networks PowerCat System.

Molex Premise Networks recommends that the full range of PowerCat 6 products is used in a system to provide the performance indicated in the Category 6 standard.

- Unshielded 4 Pair PVC Cable
- Central separator for the reduction of NEXT & ELFEXT
- 23 AWG solid conductor
- Colour coded pairs for ease of termination
- 500 metre reel

Technical Information

Mechanical

Conductor Size : 23AWG Solid Soft Plain Copper
 Insulation : PVC
 Insulation diameter : 1.00mm
 Nominal Cable diameter : 6.40mm

Electrical

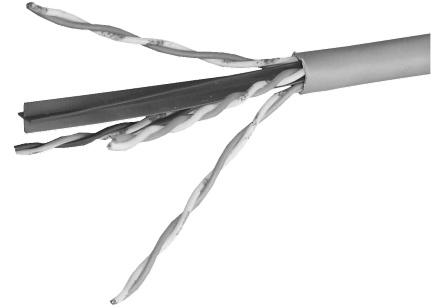
D.C. Resistance
 Unbalance: 25 (Ω /100m)

Characteristic Impedance: $100 \pm 18 \Omega$

Capacitance Unbalance: 1600pF/km

Operation Temp: $-20^{\circ} + 60^{\circ}C$

Standards: ISO/IEC 11801, EN 50173, UL1581 VW1, IEC 332.1



Order No.	Description
CAA-00032	PowerCat 6 Cable 500m reel UTP PVC

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