



## 0.5m RJ45 CAT6 Ethernet Network Cable | Orange

### Product Images



### Description

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The 4Cabling CAT6 Patch Ethernet Cables allow for better signal to noise ratio with minimal loss - which translates to faster and more reliable networks for today's applications, CAT6 cable is commonly used where performance, reliability, and maximum speed are needed.

Category 6 cable, commonly referred to as CAT6, is a cable standard for Gigabit Ethernet and other network protocols that are backward compatible with the Category 5/5E and Category 3 cable standards.

Compared with CAT5 and CAT5E, CAT6 ethernet cable features more stringent specifications for crosstalk and system noise. The cable standard provides performance of up to 250 MHz and is suitable for 10BASE-T, 100BASE-TX (Fast Ethernet), 1000BASE-T / 1000BASE-TX (Gigabit Ethernet) and 10GBASE-T (10-Gigabit Ethernet).

## FEATURES

- **CAT6 stranded Cable:** Best used for patch leads
- **Impedance Matched:** Wire and connectors are carefully matched to virtually eliminate echoing and cancellation, providing high speed, error free transmission
- **Gold Plated Contacts:** Gold plating eliminates corrosion and provides maximum conductivity to ensure data integrity
- **Unique PVC Jacket:** Exclusive polymer technology provides unsurpassed durability and flexibility
- **Snag Free Boots:** Prevent cable kinks and bent pins when removing them from patch panels

- **Strain Relief:** Increases strength while sustaining maximum flexibility even under extreme conditions

## SPECIFICATIONS

- **Cable Type:** CAT6
- **Connectors:** RJ45-RJ45
- **Length:** 0.5m
- **Colour:** Orange
- **Jacket Material:** PVC
- **Diameter:** 6.2mm

## CERTIFICATIONS

- UL listed
- EIA/TIA and RCM approved
- ISO/IEC11801:2011(Ed. 2.2)
- ANSI/TIA/EIA-568-C.2
- EN 50173-1:2011
- EN 50173-2:2007 including amendment A1:2010
- IEC61935-2:2010(Ed.3.0) (transmission requirements)

## HOW TO DISTINGUISH A CAT6 PLUG FROM A CAT5 OR CAT5E PLUG

To distinguish a CAT6 plug from a CAT5 or a CAT5E plug, just simply look at the way the cable wires have been terminated at the end of the plug:

- A CAT5 or a CAT5E plug will **always** have all eight wires in a single row
- The majority of CAT6 plugs will have wires in two rows with four wires per row
- Some CAT6 plugs will have wires in two rows with 6 wires in the top row and 2 wires in the bottom row

## WARRANTY

3-years limited warranty

