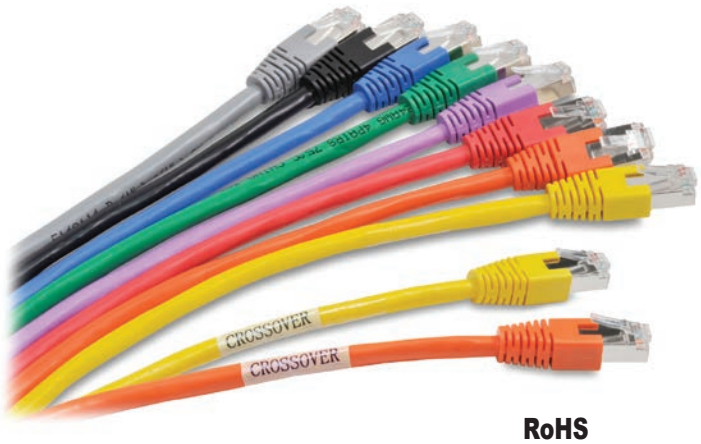
# Ethernet Patch Cables

## Cat5e STP Ethernet Patch Cables

## Connectivity

Ethernet is a networking technology that includes the protocol, port, cable, and computer chip needed to interconnect intelligent devices on to a local area network.




RoHS

RoHS Compliant

## Designed for Industrial Use

The noise interference radiated from electrical components that is often associated with factory floor environments can result in partial or complete data loss. This may result in delays or complete communication loss in extremely noisy environments.

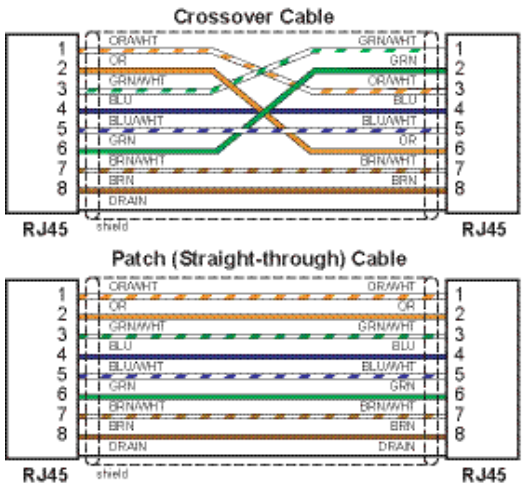
Our Ethernet patch cables are designed to reduce the effects of (EMI) electromagnetic interference by incorporating a single metal foil shield that wraps around the entire set of 8 wires in the Cat5e cable. The RJ45 connectors are also shielded against electrical interference and designed to be robust. Our 350 MHz cables exceed all Cat5e TIA/EIA standards, and drastically reduce both impedance and structural return loss (SRL) when compared to standard 100 MHz cables.

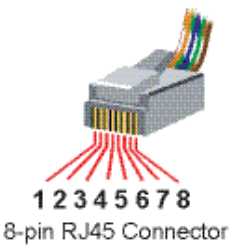
The cables comply with the PoE+ standard to deliver an enhanced 30W of power.

With several colors and lengths to choose from at great pricing, these cables should help you in creating solid, reliable Ethernet networks with any application.

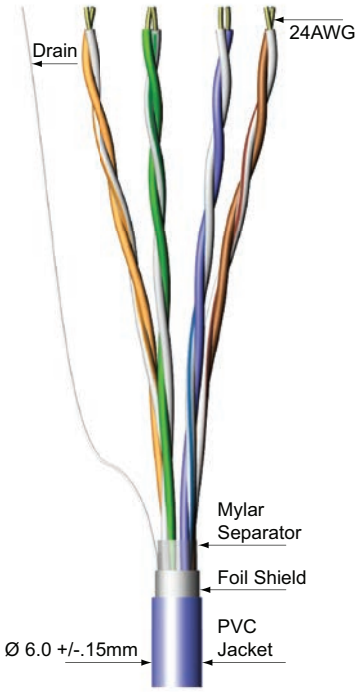
## Features

- Connector; 50µin gold plated RJ45 male plugs
- Conductor; 4-pair 24 AWG stranded copper
- Overall foil shielded cable for industrial applications
- Crossover cables have "crossover" label on each end.
- Exceeds Category 5e specifications, 350 MHz
- 30W Power over Ethernet (PoE+)
- Multiple lengths and colors
- RoHS compliant




8-pin RJ45 Connector



# Ethernet Patch Cables

| Cat 5e Straight Through Patch Cables | | | | |
|---|---|---|---|---|
| ***Part Number*** | ***Color*** | ***Description*** | ***Length*** | ***Price*** |
| ***C5E-STPBK-S3*** | Black | AutomationDirect Cat5e Ethernet straight-through patch cable, STP (overall foil shield), RJ45 male to RJ45 male. For use with 10/100/1000 Mbps networks. Exceeds Category 5e cable specifications. | 3ft [0.9m] | |
| ***C5E-STPBL-S3*** | Blue | | | |
| ***C5E-STPGN-S3*** | Green | | | |
| ***C5E-STPGY-S3*** | Gray | | | |
| ***C5E-STPOR-S3*** | Orange | | | |
| ***C5E-STPRD-S3*** | Red | | | |
| ***C5E-STPYL-S3*** | Yellow | | | |
| ***C5E-STPBK-S7*** | Black | AutomationDirect Cat5e Ethernet straight-through patch cable, STP (overall foil shield), RJ45 male to RJ45 male. For use with 10/100/1000 Mbps networks. Exceeds Category 5e cable specifications. | 7ft [2.1m] | |
| ***C5E-STPBL-S7*** | Blue | | | |
| ***C5E-STPGN-S7*** | Green | | | |
| ***C5E-STPRD-S7*** | Red | | | |
| ***C5E-STPYL-S7*** | Yellow | | | |
| ***C5E-STPBK-S10*** | Black | AutomationDirect Cat5e Ethernet straight-through patch cable, STP (overall foil shield), RJ45 male to RJ45 male. For use with 10/100/1000 Mbps networks. Exceeds Category 5e cable specifications. | 10ft [3.0m] | |
| ***C5E-STPBL-S10*** | Blue | | | |
| ***C5E-STPGN-S10*** | Green | | | |
| ***C5E-STPGY-S10*** | Gray | | | |
| ***C5E-STPOR-S10*** | Orange | | | |
| ***C5E-STPPL-S10*** | Purple | | | |
| ***C5E-STPRD-S10*** | Red | | | |
| ***C5E-STPYL-S10*** | Yellow | | | |
| ***C5E-STPBK-S14*** | Black | AutomationDirect Cat5e Ethernet straight-through patch cable, STP (overall foil shield), RJ45 male to RJ45 male. For use with 10/100/1000 Mbps networks. Exceeds Category 5e cable specifications. | 14ft [4.3m] | |
| ***C5E-STPBL-S14*** | Blue | | | |
| ***C5E-STPGY-S14*** | Gray | | | |
| ***C5E-STPBK-S25*** | Black | AutomationDirect Cat5e Ethernet straight-through patch cable, STP (overall foil shield), RJ45 male to RJ45 male. For use with 10/100/1000 Mbps networks. Exceeds Category 5e cable specifications. | 25ft [7.6m] | |
| ***C5E-STPBL-S25*** | Blue | | | |
| ***C5E-STPGY-S25*** | Gray | | | |
| ***C5E-STPBK-S50*** | Black | AutomationDirect Cat5e Ethernet straight-through patch cable, STP (overall foil shield), RJ45 male to RJ45 male. For use with 10/100/1000 Mbps networks. Exceeds Category 5e cable specifications. | 50ft [15.2m] | |
| ***C5E-STPBL-S50*** | Blue | | | |
| ***C5E-STPGY-S50*** | Gray | | | |

# Ethernet Patch Cables

| Cat5e Crossover Patch Cables | | | | |
|---|---|---|---|---|
| ***Part Number*** | ***Color*** | ***Description*** | ***Length*** | ***Price*** |
| ***C5E-STPOR-C3*** | Orange | AutomationDirect Cat5e Ethernet crossover patch cable, STP (overall foil shield), RJ45 male to RJ45 male. For use with 10/100 Mbps networks. Labeled as CROSSOVER on both ends. Exceeds Category 5e cable specifications. | 3ft [0.9m] | |
| ***C5E-STPOR-C7*** | Orange | | 7ft [2.1m] | |
| ***C5E-STPOR-C10*** | Orange | | 10ft [3.0m] | |
| ***C5E-STPOR-C14*** | Orange | | 14ft [4.3m] | |
| ***C5E-STPOR-C25*** | Orange | | 25ft [7.6m] | |
| ***C5E-STPYL-C25*** | Yellow | | | |
| ***C5E-STPYL-C50*** | Yellow | | 50ft [15.2m] | |

| Cat5e Cable Specifications | |
|---|---|
| ***Transfer Parameters*** | Cat5e |
| ***Transfer Rate*** | Up to 1 Gbit/s full duplex |
| ***Temperature Range*** | Bare cable temperature rating is 75 °C |
| ***Protection Degree*** | RJ45 connector: IP20 |
| ***Outer Diameter*** | 6.0mm ±0.2mm |
| ***Bend Radius*** | 60mm (10 x outer diameter) |
| ***Connection*** | Shielded RJ45 plug |
| ***Wire Material*** | Stranded copper |
| ***Approvals*** | Bare cable is cULus Recognized (file number E132276) |

