

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.

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.

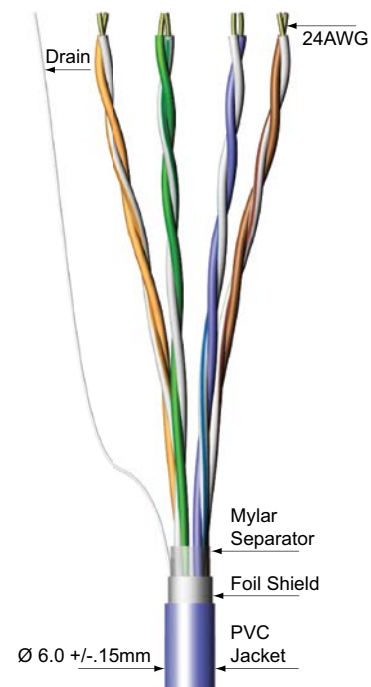
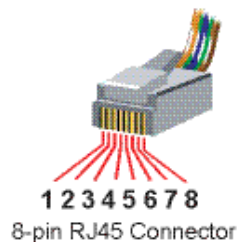
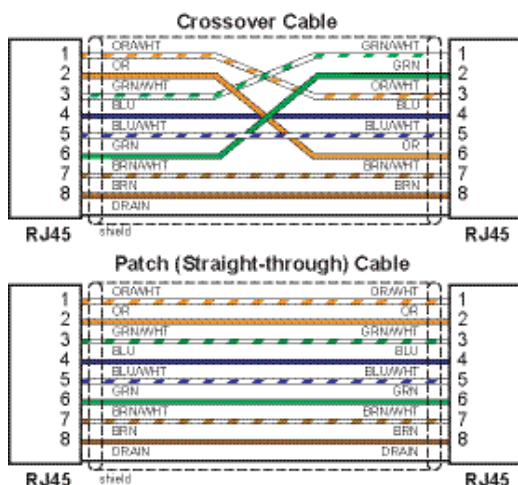
The cables comply with the PoE+ standard to deliver an enhanced 30W of power.

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; 50-micron 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, 350MHz
- 30W Power over Ethernet (PoE+)
- Multiple lengths and colors
- CM rated, suitable for general use other than plenum spaces
- RoHS compliant



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.	3' [0.91 m]	\$,8]3:
C5E-STPBL-S3	Blue			\$,8]9:
C5E-STPGN-S3	Green			\$,;8]f:
C5E-STPGY-S3	Gray			\$,;-8]l:
C5E-STPOR-S3	Orange			\$,;8]t:
C5E-STPPL-S3	Purple			\$,;8]j:
C5E-STPRD-S3	Red			\$,;8]n:
C5E-STPYL-S3	Yellow			\$,8,7:
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.	7' [2.13 m]	\$,08]5:
C5E-STPBL-S7	Blue			\$,08]b:
C5E-STPGN-S7	Green			\$,08]h:
C5E-STPGY-S7	Gray			\$,08]o:
C5E-STPOR-S7	Orange			\$,08]v:
C5E-STPPL-S7	Purple			\$,08]_:
C5E-STPRD-S7	Red			\$,08]1:
C5E-STPYL-S7	Yellow			\$,08,9:
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.	10' [3.05 m]	\$,08]0:
C5E-STPBL-S10	Blue			\$,08]6:
C5E-STPGN-S10	Green			\$,08]c:
C5E-STPGY-S10	Gray			\$,;-08]i:
C5E-STPOR-S10	Orange			\$,08]p:
C5E-STPPL-S10	Purple			\$,08]x:
C5E-STPRD-S10	Red			\$,08]#:.
C5E-STPYL-S10	Yellow			\$,08]2:
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.	14' [4.3 m]	\$,08]1:
C5E-STPBL-S14	Blue			\$,08]7:
C5E-STPGN-S14	Green			\$,08]d:
C5E-STPGY-S14	Gray			\$,;-08]j:
C5E-STPRD-S14	Red			\$,;08]l:
C5E-STPYL-S14	Yellow			\$,08]3:
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.	25' [7.6 m]	\$,08]2:
C5E-STPBL-S25	Blue			\$,08]8:
C5E-STPGN-S25	Green			\$,08]e:
C5E-STPGY-S25	Gray			\$,08]k:
C5E-STPYL-S25	Yellow			\$,08,6:
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.	50' [15.2 m]	\$,08]4:
C5E-STPBL-S50	Blue			\$,08]a:
C5E-STPGY-S50	Gray			\$,08]n:
C5E-STPPL-S50	Purple			\$,;08]l:
C5E-STPYL-S50	Yellow			\$,08,8:

Ethernet Patch Cables

Cat5e Crossover Patch Cables

Part Number	Color	Description	Length	Price
<u>C5E-STPOR-C3</u>	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.	3' [0.91 m]	\$08zy:
<u>C5E-STPYL-C3</u>	Yellow			\$;8zt:
<u>C5E-STPOR-C7</u>	Orange		7' [2.13 m]	\$;08zj:
<u>C5E-STPYL-C7</u>	Yellow			\$;08z,:
<u>C5E-STPOR-C10</u>	Orange		10' [3.05 m]	\$08zu:
<u>C5E-STPOR-C14</u>	Orange		14' [4.3 m]	\$08zv:
<u>C5E-STPOR-C25</u>	Orange		25' [7.6 m]	\$08zx:
<u>C5E-STPYL-C25</u>	Yellow			\$08z#:
<u>C5E-STPOR-C50</u>	Orange		50' [15.2 m]	\$08zz:
<u>C5E-STPYL-C50</u>	Yellow			\$08z?:

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	6.0 mm ±0.2 mm
Bend Radius	60mm (10 x outer diameter)
Connection	Shielded RJ45 plug
Wire Material	Stranded copper
Approvals	Bare cable is cULus Recognized (file number E132276)

