



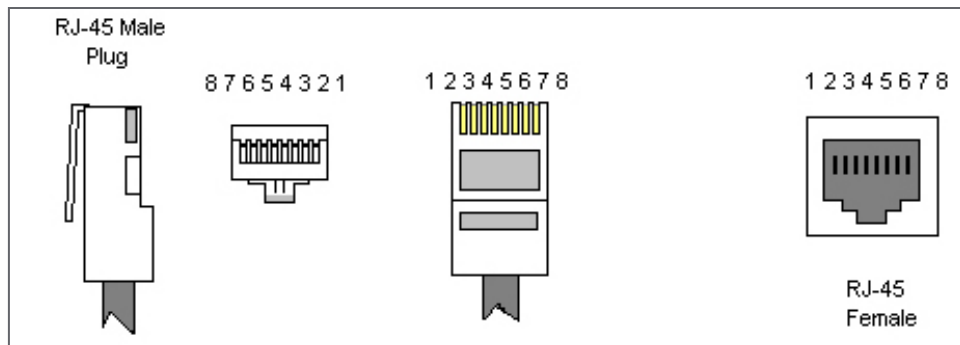
ETHERNET CABLES

RJ45 COLORS & PINS – PATCH & CROSSOVER CABLES

These diagrams show how Ethernet cable color coding works.

Ethernet cable color-coding exists as part of the industry standard - T568A/T458B. Standards exist so technicians can know how the cable should work and can reliably alter the cable when necessary.

(Note: alter cables at your own risk.)



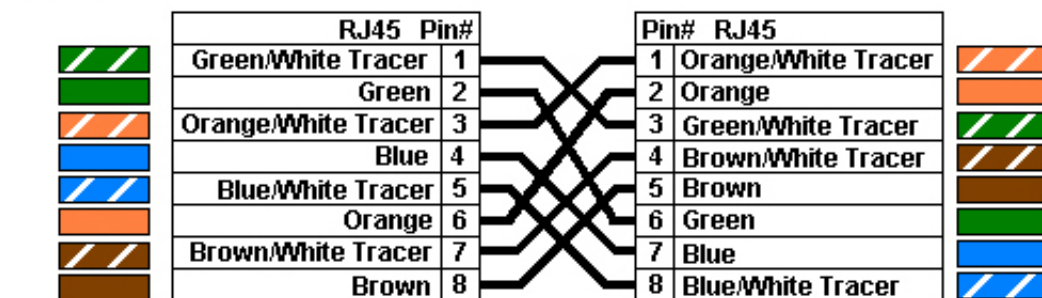
Color Standard EIA/TIA T568A

Ethernet Patch Cable



Color Standard EIA/TIA T568A

Ethernet Crossover Cable



"A" is earlier



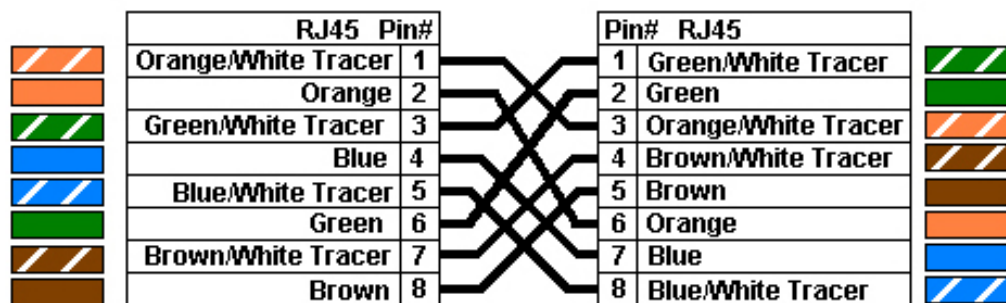
Color Standard EIA/TIA T568B

Ethernet Patch Cable



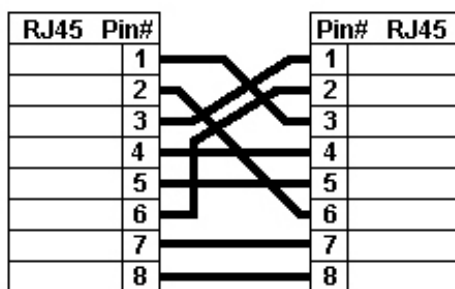
Color Standard EIA/TIA T568B

Ethernet Crossover Cable



"B" is most recent

Common Ethernet Crossover Cables may only cross connect the Orange & Green pairs



ADVANTECH Model#s:

C5UMB3FOR-CROSS
C5UMB7FOR-CROSS

Pins #4 & #5 and #7 & #8 connect without crossing for PoE devices using these for Power Over Ethernet

B+B SMARTWORX

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