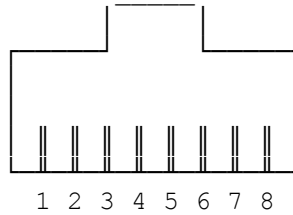


RJ-45 Category 5 Network Cabling

Wire Coloring

Pin 1 = Orange/White
Pin 2 = Orange
Pin 3 = Green/White
Pin 4 = Blue
Pin 5 = Blue/White
Pin 6 = Green
Pin 7 = Brown/White
Pin 8 = Brown

Connector Pins



Straight Through Cable

Xmit - 1 -> 1
Xmit - 2 -> 2
Receive - 3 -> 3
Not Used - 4 -> 4
Not Used - 5 -> 5
Receive - 6 -> 6
Not Used - 7 -> 7
Not Used - 8 -> 8

Crossover Cable

Xmit - 1 -> 3 - Receive
Xmit - 2 -> 6 - Receive
Receive - 3 -> 1 - Xmit
Not Used - 4 -> 4 - Not Used
Not Used - 5 -> 5 - Not Used
Receive - 6 -> 2 - Xmit
Not Used - 7 -> 7 - Not Used
Not Used - 8 -> 8 - Not Used