### RJ-45 Twisted Pair
Cables use 4 pairs of wires. Maintain the twist to maximize the cancellation effect and minimize crosstalk.

### Wire Map Inspection
Hold the cable ends with the plastic spring clips away from you so you can see the wires without obstruction.

### Patch Cable
Straight-through wiring (both ends identical) for connecting PCs and routers to switches.

All the odd number pins have the white stripe. Orange pairs are first, Brown pairs are last, the Blue pairs are in the middle and divide the Green pair. EIA/TIA 568B termination.

### Crossover Cable
To connect identical (or like) devices without using a switch.

The Orange Transmit pairs are switched at the opposite end of the cable with the Green Receive pairs.

### Rollover Cable
Used to connect a PC to a router for the purpose of router configuration.

Pin-outs on opposite connector are exactly reversed from EIA/TIA 568B.

### Cisco Console Port Connection
Connect a DB-9 connector to the PC serial port, and use a rollover cable.