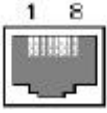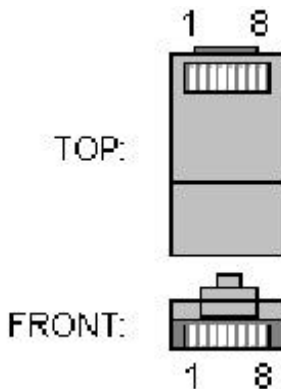## Definition of Ethernet 10/100 Base-T Connector

10Base-T and 100Base-Tx use the same connector and pinout.

At the network interface cards/hubs, the RJ45 female connector looks like the following:

At the cables, the RJ45 male connector looks like the following:

Pin	Color	Description
1	White + Orange	RS485+
2	Orange	RS485−
3	White + Blue	Video+
4	Blue	GND
5	White + Green	Power
6	Green	Video−
7	White + Brown	Power
8	Brown	GND

NOTE: The power source is DC 36V.