

Maximum segment length: 100meters

Applicable connectors: RJ-45

RJ-45 Connector

Contact	Media DirectInterface Signal
1	Tx +(transmission)
2	Tx -(transmission)
3	Rx +(reception)
4	Not used
5	Not used
6	Rx -(reception)
7	Not used
8	Not used

Specifications

Data transfer rate: 10 megabits per second

Protocol: CSMA/CD

Network Type: 10Base-T

Topologies: star

Power requirement: 9VAC(TL-HP5MU/TL-HP8MU)

11VDC(TL-HP16MU)

Power consumption: 5 watts maximum

Operating temperature: 0°C-40°C

Humidity tolerance: 5%-95% non-condensing

Trademarks

All trademark belong to their owners.



TP-LINK®

User's Guide

TL-HP5MU

TL-HP8MU

TL-HP16MU

10BASE-T Ethernet Hub

REV2.0

71030382



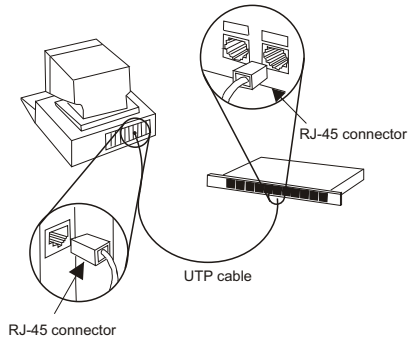
About this Guide

This guide describes how to install the following hub models. These hubs feature plug-and-play connections and have easy installation. The following figures are the front panel for each hub model.

Connecting power

An external AC power adapter is supplied to the TL-HP5MU/TL-HP8MU 10BASE-T Ethernet Hub. And an external DC power adapter is supplied to the TL-HP16MU.

Connecting Twisted-Pair Segments



Diagnostic LEDs

Each UTP port on the Hub has its own "Link/Rx" LED indicator,

The LEDs and their functions are described below:

Power This indicates whether the HUB is operating or not .

Collision One Collision LED for all ports. The entire network (limited by any bridges) is considered as one single contention bus. When the LED blinks, packet collisions are occurring on the contention bus. Data collision occurs when two network stations transmit data at the same time. At such time both computers should automatically back off and retransmit their data. This process repeats itself until there are no data collisions present. Excessive blinking of this LED means traffic on the network is heavy, or there are too many small packets traveling on the network. You may then consider adding a bridge or use a dumb hub to increase the bandwidth (reduce collisions and increase network throughput).

Link/Rx One Link/Rx for each twisted-pair port. This LED turns ON when the port has established a link with the connected node. This LED blinks when the port is receiving data.

If the port is connected but this LED is OFF, please check: (1) if the power of both the hub and the connected node is ON, (2) if the cable is loose, (3) if the cable is correct, (4) if the cable is broken, (5) if the RJ-45 connectors have correct pin assignments, (6) if the connected node's network adapter is functioning.

Cables & Connectors

10 BASE-T UTP Cable

Cable characteristics: 0.4-0.6mm (22-26 AWG)
8-wire (only four wires are used for 10base-T)