

# Copper SFP



## Product Description

The UBIQCOM UB52-TG/ UB52-TX 1000Base-T Copper SFP Transceiver Module is a hot-swappable SFP (Small Form-Factor Pluggable) transceiver that plugs into standard SFP slots on switches and supports Gigabit Ethernet. The UB52-TG/ UB52-TX offer a wide variety of Gigabit Ethernet connectivity options for data centers, enterprise wiring closets, and service provider transport applications. The UB52-TG/ UB52-TX are an external transceiver designed for insertion into SFP slots of network devices for transmission and reception of data signals from fiber ports. These transceivers provide Gigabit operation and physical compactness to deliver the speed, reliable data transfer, and deployment flexibility that today's networks require.

## Product Features

- Up to 10Gb/s bi-directional data links
- Hot-pluggable SFP+ footprint
- Fully metallic enclosure for low EMI
- Low power dissipation
- Compact RJ-45 connector assembly
- Access to physical layer IC via 2-wire serial bus
- Supports Links up to 30m using Cat 6a/7 Cable
- RoHS Compliant
- Operating case temperature: 0°C to 70°C

# COPPER SFP



UB52-TG



UB52-TX

### Compliant Standard

- IEEE 802.3 10BASE-T
- IEEE 802.3u 100BASE-TX
- IEEE 802.3ab 1000BASE-T
- IEEE 802.3z 1000BASE-SX/LX

### Distance

100 m

### Speed

10/100/1000 Mbps

### Interface

Transceiver Connector: RJ-45  
Cable Type: Cat 5 or above

### Operating

Power: 3.3 V  
Max Input Current: 375 mA

### Physical & Environment

#### Temperature

Operating: 0° C - 85° C (32° F - 185° F)  
Storage: -40° C - 85° C (-40° F - 185° F)

#### Humidity

Operating: 0 - 80% RH  
Storage: 0 - 80% RH

#### Dimensions (W x D x H)

13.7 x 70.2 x 13.4 mm (0.54 x 2.76 x 0.52 inches)

#### Weight

20 g (0.04 pounds)

Model Number	Speed	Product Description
UB52-TG	1G	10/100/1000 Copper SFP, 100 Mtr.
UB52-TX	10G	10G Copper SFP, 100 Mtr.

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