

10G BASE-T Copper SFP+ Transceiver

Hot pluggable, Auto-fall back

SFP-10GT-30m

airlive®



10G SFP+
Copper
transceiver

0°C~+65°C

10G
5G
Copper

Hot Pluggable

2.5G
1G
Copper

1G
Cat5E
Up to 100M

ESD
Protection

10G
Cat6A
Up to 30M

Overview

The SFP-10GT-30m is a SFP+ to 10GBASE-T Copper Small Form Pluggable (SFP) transceivers are based on the SFP Multi Source Agreement (MSA). They are compatible with the 10Gbase-T / 5Gbase-T / 2.5Gbase-T / 1000base-T standards as specified in IEEE Std 802.3. SFP+-10GBASE-T uses the SFP's RX_LOS (must be pulled up on host) pin for link indication. If pull up or open SFP's TX_DISABLE pin, PHY IC be reset. The SFP-10GT-30m works operating temperature of 0°C ~ +65°C and module is hot pluggable.

The suitable applications such as High-speed storage area networks, computer cluster cross-connect, customized high-speed data pipes, and more.

Features

- Support 10Gbase-T / 5Gbase-T / 2.5Gbase-T / 1000base-T
- Hot-pluggable SFP footprint
- Compact RJ-45 connector assembly
- RoHS compliant and lead-free
- Single +3.3V power supply
- 10 Gigabit Ethernet over Cat 6a cable
- Ambient Operating temperature: 0°C to +65°C

Cable Length

Standard	Cable	Reach	Host Port
10Gbase-T	CAT6A	30m	SFI
5Gbase-T/2.5Gbase-t	CAT5E	50m	5GBase-R/2.5GBase-X
1000base-T	CAT5E	100m	1000base-FX

Model	AirLive SFP-10GT-30m
<p>Hardware</p> <ul style="list-style-type: none">• Power Supply Voltage 3.13V~3.47V Typical Power Supply Voltage: 3.3V• Standard IEEE 802.3ab:1000BASE-T Gigabit Ethernet IEEE 802.3bz: 2.5G Ethernet IEEE 802.3bz: 5G Ethernet IEEE 802.3ae:10G Ethernet Compliant with Digital Diagnostic SFF-8472 DDM Support ESD Protection• Total Supply Current: 700mA• Data Rate: 10 Gbps 5 Gbps 2.5 Gbps 1 Gbps <p>Environment</p> <ul style="list-style-type: none">• Operating Temperature: 0°C to +65°C• Storage Temperature: -40°C to +85°C• Working Humidity: 0%~85%, non-condensing <p>Standard package of SFP</p> <ul style="list-style-type: none">• Product size: 45 x 13.7 x 8.5 mm(L*W*H)• Package size: TBD mm(L*W*H)• Package Weight: N.W: TBD kgs; G.W:TBD KGS• Package content: 1 x SFP Copper Module <p>Standard carton package</p> <ul style="list-style-type: none">• Quantity: 10 pcs / 1 Blister• Dimensions TBD mm(L*W*H)• Weight TBD kgs <p>Ordering Information</p> <ul style="list-style-type: none">• Model: SFP-10GT-30m• Name: 10GBASE-T Copper SFP+ Transceiver	

* Specification will be changed without prior notice

