



AB007 – 10/100/1000BASE-T RJ45 100M

Up to 1.0Gb/s data rate

Hot-pluggable SFP

Fully metallic case for low EMI

Low power consumption(0.5W typical)

Compact RJ-45 connector assembly

10/100/1000Mbps compliant in host systems with SGMII, 1000Base-X and 100BASE-FX

Compatible with RoHS and lead-free

Case operating temperature: 0°C to +70°C

Applications

LAN 1000Base-T

1.25 Gigabit Ethernet over Cat 5 cable

Switch to Switch interface

Router/Server interface

Description

This Copper Small Form Pluggable (SFP) transceivers is high performance, cost effective module compliant with the Gigabit Ethernet and 1000BASE-T standards as specified in IEEE 802.3-2002 and IEEE 802.3ab, which supporting 1000Mbps data- rate up to 100meters reach over unshielded twisted-pair category 5 cable. The module supports 10/100/1000Mbps auto negotiation data-links when the SFP interface support SGMII also. The module provides standard serial ID information compliant with SFP MSA, which can be accessed with address of 0xA0- 0xA2 via the IIC BUS protocol.

IEEE 802.3 compatible.

Cable Length L : 100 m max