

10G SFP+ Transceivers

DESIGNED FOR USE IN 10GB/S DATA RATE LINKS. COMPLIANT WITH 10G ETHERNET AND CPRI

Amphenol's 10G SFP+ optical modules include SFP+ AOC. They are compliant with SFP+ MSA, SFF-8431 and SFF-8472, and are mainly used in Telecom, Wireless, InfiniBand, and Fiber Channel. The transceiver is RoHS compliant and per Directive 2011/65/EU.

- Low power, power dissipation < 1.0W per cable end
- Metal enclosure for lower EMI
- High Reliability 850nm VCSEL technology
- Electrically hot-pluggable
- Compliant with 10G Ethernet



FEATURES

- Up to 11.1Gb/s data rate per channel
- Metal enclosure for lower EMI
- Compliant with 10G Ethernet
- Low power
- Case operating temperature range 0°C to 70°C / 0°C to 85°C
- Compliant with SFF 8472 & SFF-8431
- Compliant with ROHS 2.0

BENEFITS

- High Reliability 850nm VCSEL technology
- Link length of 300m on OM3 multimode fiber
- Electrical interface compliant to SFF-8431
- Electrically hot-pluggable
- Power dissipation < 1.0W per cable end
- Serial, I2C-based, 400 kHz maximum frequency

TECHNICAL INFORMATION

ELECTRICAL PERFORMANCE

- SFF-8472

MECHANICAL PERFORMANCE

- SFF-8432

SPECIFICATIONS

- IEEE802.3cc

ENVIRONMENTAL

- Case Operating Temperature Range: 0°C to 70°C / -40°C to 85°C

APPROVALS & CERTIFICATION

UL, TUV

TARGET MARKETS/APPLICATIONS



Telecom



Data Center