

## 10G SFP+ 850nm Multimode Optical Transceiver



Temperature: 0 to 70°C

Max Data Rate : 10Gbps

Terminal Type: SFP+

Connector Type: Duplex LC

Cable Type: OM2 / OM3

Reach: 82m / 300m

Detector: PIN-TIA

Source: VCSEL Laser

Wavelength: 850nm

### Features

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Hot pluggable

Bit rate support from 1G to 11.3Gbps

850nm VCSEL laser source

PIN photodiode with TIA

Operating environment temperature 0 ~ 70°C

Low power consumption  
SFP+ housing with enhanced EMI shielding  
Single 3.3V power supply  
Programmable EEPROM for serial identification

## Application

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10G Ethernet  
Applicable to 1G Ethernet  
8G Fiber Channel  
Applicable to 4G / 2G / 1G Fiber Channel  
10G Fiber Channel over Ethernet  
1X QDR Infiniband  
Applicable to 1X DDR / 1x SDR Infiniband  
High capacity IO with SFP+ interface  
Data center and in-rack connection

## Compliance

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SFF-8431 SFP+ Electrical MSA  
SFF-8432 SFP+ Mechanical MSA  
SFF-8472 Diagnostic Monitoring Interface  
FDA/CDRH & IEC 60825-1 Class 1 Laser Eye Safety  
RoHS complaint

## Reach

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26m on 160MHz-km FDDI (62.5um) multimode fiber  
33m on 200MHz-km OM1 (62.5um) multimode fiber  
66m on 400MHz-km (50um) multimode fiber  
82m on 500MHz-km OM2 (50um) multimode fiber  
300m on 2000MHz-km OM3 (50um) multimode fiber