

**<http://www.htopto.com>**

Hotcom 10Gbps SFP+ optical transceiver can provide good performance and quality.

Hotcom 10Gbps SFP + transceiver is designed for 10G Ethernet links with very high port density based on the new electrical and mechanical speciﬁcation for the SFF- 8431 and SFF -8432 respectively . The transceiver utilizes 850nm VCSEL and PIN Detect technology to provide the 300m link on OM3 MMF.

Up to 300m transmission with OM3 MMF

Operating Case Temperature: 0℃ to +70℃/-40℃ to +85℃



**SFP+ 10G SR Optical Transceiver**

**SFP+ 10G SR Optical Transceiver**

**OVERVIEW**

**FEATURES & BENEFITS**

Up to 80m transmission with OM2 MMF

Low Power Dissipation, MAX 0.8W

Supports 10.3125Gbps

Hot Pluggable SFP+ form factor

**PRODUCT APPLICATIONS**

Ethernet for 10GBASE-SR

InﬁniBand QDR, DDR, SDR

**http://www.htopto.com**

**SFP+ 10G SR Optical Transceiver**

Consumption

Connector

**TECHNICAL INFORMATION**

**MATERIAL**

Nickel plated zinc die cast shells & latching

Mechanism parts

Optical plastic lens

**ELECTRICAL PERFORMANCE**

Power Supply Voltage: 3.3V（3.14 to 3.46V ）

Data rate per lane: 10.3125Gbps

Power Consumption: 0.8W(MAX)

Transmitter Type: VCSEL

Receiver Type: PIN

**SPECIFICATIONS**

SFF-8472 Management Interface

SFF-8432: Pluggable Module

SFF-8431: General Electrical

GR-468: Reliability Qualiﬁcation

IEEE 802.3ae: Physical Layer Speciﬁcations and Management Parameters ROHS-6: Environment Safety

ES-12-00-0005

**Partial PN Table**

**MECHANICAL PERFORMANCE**

SFP Module Insertion: 18N(MAX)

SFP Module Extraction: 12.5N(MAX)

SFP Module Retention: 90N(MIN)

Insertion and removal cycles: 50Cycles **ENVIRONMENTAL**

Storage Temperature Range: -40℃ to +85℃

Operating Temperature Range: 0℃ to +70 ℃/ -40℃ to +85℃ Relative Humidity: 0 to 85%

PN Package Description Reach

Protocol Support

Data Rate Temp

Power

Optical

Transceiver

Receiver WaveLength

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| P/N | Package | Description | Reach | Protocol support | Data rate | Temp | Power consumption | Optical connector | Transceiver | Receiver | Wavelength |
| HT204-192-SR | SFP+ | SR | 80m(OM2) | Ethernet | 10Gbps | 0-70℃ | 0.8W | LC | VCSEL | PIN | 850nm |
| HT204-192-SR-I | SFP+ | SR | 300m(OM3) | Ethernet | 10Gbps | -40-85℃ | 0.8W | LC | VCSEL | PIN | 850nm |