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Prod.

Optical SFP+ 850nm 6G 0.12Km MM

Prod No

FCCC-108010, 404025

Application and Properties:

Optical SFP is a high performance, cost effective modules, which is supporting up to 6.144Gbps, and transmission distance up to 0.12Km on MM fiber. The transceiver consists of two sections: The transmitter section incorporates a laser driver and an 850nm VCSEL laser. The receiver section consists of a PIN photodiode integrated with a trans impedance preamplifier (TIA) and a Limiting Amplifier. The module is hot pluggable into the 20-pin connector. The high-speed electrical interface is based on low voltage logic, with nominal 100-Ohm differential impedance and AC coupled in the module.

- Other Details

- Up to 0.12Km transmission on MMF
- Up to 6.144Gbps 850nm VCSEL laser and PIN receiver
- SFI electrical interface
- 2-wire interface for integrated Digital Diagnostic monitoring
- SFP+ MSA package with duplex LC connector
- +3.3V power supply
- Power consumption less than 1.0W
- Operating case temperature: -40~+85°C
- High-speed storage area networks
- Computer cluster cross-connect
- Custom high-speed data pipes
- Compliant with IEEE 802.3ae-2002



- Technical Specification

Item	Parameter
Transceiver form factor	SFP+
Operating Data Rate (Gbps)	6.144
Storage Temperature (°C)	-40 to +85
Supply Voltage (V)	3.3
Optical connector type	LC
Saturation optical power (dBm)	-1 dBm
Fiber type	Multi Mode
Maximum power consumption	1000 mw
Extinction ratio (dB)	3.5
Distance (m)	120

