

QSFP6185-01

100G QSFP28 SR4 Transceiver for High-Speed Data Centers



Overview

Deliver reliable 100Gbps connectivity with this QSFP28 SR4 transceiver, featuring 850nm multi-mode transmission up to 100 meters over OM4 fiber. Designed for high-density data center environments, it ensures stable performance, low power consumption, and seamless deployment with MPO/MTP connectivity.

Features & Benefits

- 100Gbps data rate with 4×25Gbps channels
- 850nm VCSEL for multi-mode fiber
- Up to 100m transmission over OM4 MMF
- QSFP28 MSA compliant design
- MPO/MTP optical interface
- Low power consumption $\leq 3.5W$
- Operating temperature: 0°C to 70°C
- RoHS compliant

Technical Specifications

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Connector Type

MTP/MPO

Data Rate

100 Gbps

Wavelength

850nm

Fiber Type

MMF

Max Transmission Distance

100m (OM4) / 70m (OM3)

Transmitter Characteristics

Supply Voltage

0.5 ~ 3.6V

Supply Current

1060 mA

Output Optical Power

-8.4 to 2.4 dBm

Receiver Characteristics

Supply Voltage

3.3V

Supply Current

1060 mA

Maximum Receiver Power

2.4 dBm

Optical Receiver Sensitivity

-9.2 dBm

Physical Specifications

Dimensions (WxDxH)

18.35 × 72.4 × 8.5 mm

Weight

40g

Environmental Limits

Operating Temperature

0°C to 70°C (32°F to 158°F)

Storage Temperature

-40°C to 85°C (-40°F to 185°F)



Features and specifications subject to change without notice. Trademarks and registered trademarks are the property of their respective owners. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his/her own expense. Prior to installing any surveillance equipment, it is your responsibility to ensure the installation is in compliance with local, state and federal video and audio surveillance and privacy laws.