

400G QSFP DD SR8

400GB/S HIGH-SPEED OPTICAL TRANSCEIVERS

This optical transceiver comes with a maximum link length of 100m on OM4 multimode fiber, and is capable of a 400Gb/s data rate with each channel transmitting up to 53.125Gb/s. The module also features outstanding BER and high sensitivity because of reliable design and excellent coupling efficiency. It is compliant with IEEE 802.3cm, QSFP DD CIMS 4.0 and QSFP DD Hardware 5.1. These 400Gb/s QSFP DD SR8 high-speed optical transceivers find applications in cloud computing, Big Data and other technologies associated with the construction of data centers.

- Low power
- Mature COB technology
- Outstanding BER and high sensitivity
- Supports 400Gb/s data rate with each channel reaching up to 53.125Gb/s
- Electrically hot-pluggable



TARGET MARKETS



FEATURES

- Supports 53.125Gb/s data rate per channel
- Maximum link length of 70m on OM3 multimode fiber or 100m on OM4 multimode fiber
- Promotes hot-pluggability
- Standard 16 lane with MPO APC connector
- Operating temperature range of 0°C to 70°C
- Power dissipation < 10 W
- Mature COB technology
- Compliant with IEEE 802.3 cm, QSFP DD CIMS 4.0 and QSFP DD Hardware 5.1

BENEFITS

- Compliant with 100G SR2, 200G SR4
- Outstanding BER and high sensitivity
- Ease of maintenance
- Standardized optical interface to reduce optical reflection
- Wide range of thermal operation
- Low power
- Excellent coupling efficiency
- Excellent equipment compatibility

TECHNICAL INFORMATION

MATERIAL

- PCBA
- Housing

ELECTRICAL PERFORMANCE

- BER
- Sensitivity

ENVIRONMENTAL

- Case Operating Temperature Range: 0°C to 70°C

SPECIFICATIONS

- QSFP DD MSA
- IEEE 802.3cm

TARGET MARKETS/APPLICATIONS



Data Center