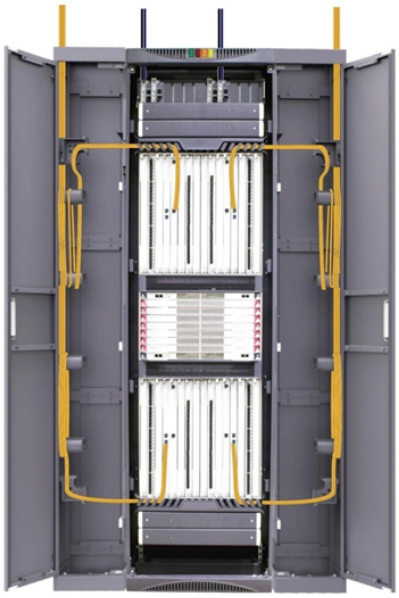
400GQ112 Optical Module



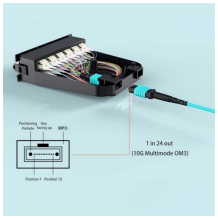
400GQ112 Optical Module

The 400G QSFP112 SR4 optical module is based on a streamlined 4x100G PAM4 electrical lane design. Simply replace the module to scale up to an 800G solution (8x100G PAM4—2xQ112), enabling ...

The MTRQ-4D505 Transceiver is a high performance, cost effective module for optical data communication applications supporting 400G Ethernet.

Learn how the 400G QSFP112 optical transceiver works, its technical advantages, key module types, and deployment scenarios. Explore high-quality 400G connectivity and QSFP112 ...

The transmitting end of an optical module converts electrical signals into optical signals, while the receiving end converts optical signals back into electrical signals. Optical modules are classified by ...

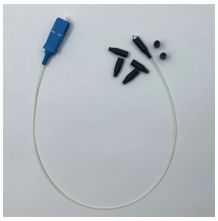


Transmitter reflectance is defined looking into the transmitter. Average receive power, (min) is informative and not the principal indicator of signal strength. Receiver sensitivity ...

500 m optical communication applications. The module converts 4 input channels of 100Gb/s electrical data to 4 channels of parallel optical signals, each capable of 100Gb/s operat.

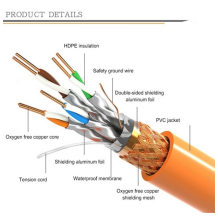
This transcransceiver is a high performance module for short-range multi-lane data communication and interconnection applications. It integrates Four data lanes in each direction with 4x53.125GBd.

Explore the key features, application scenarios, and module types of 400G QSFP112 optical transceivers. They''re designed to enable high-speed, low-latency optical connectivity for data ...

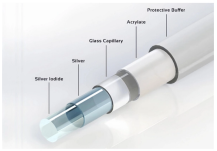


An optical fiber cable with an MTP/MPO-12 connector can be plugged into the QSFP112 DR4 module receptacle. Host FEC is required to support up to 0.5Km fiber transmission.

Digital diagnostic functions are available via the I2C interface, as specified by the QSFP 56 MSA and Finisar Application Note AN-20xx. The transceiver is RoHS-6 compliant per Directive 2011/65/EU4 ...



The 400G QSFP112 FR4 Transceiver is designed to transmit and receive serial optical data links up to 106.25 Gb/s data rate (per channel) by PAM4 modulation format over single-mode fiber.

	This module provides 4 independent transmission and reception channels, each supporting a transmission rate of 100Gb/s, with a total rate of 400Gb/s. It can support a transmission distance of ...
	This product is a 400Gb/s QSFP112 optical module designed for 0.5Km optical communication applications. The module converts 4 channels of 100Gb/s (PAM4) electrical input data to 4 channels ...
	This is Cisco''s latest generation of 400 Gigabit Ethernet (400G) transceiver modules and cables based on the Quad Small Form-Factor Pluggable (QSFP112) form factor designed to support four electricial ...

Contact Us

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