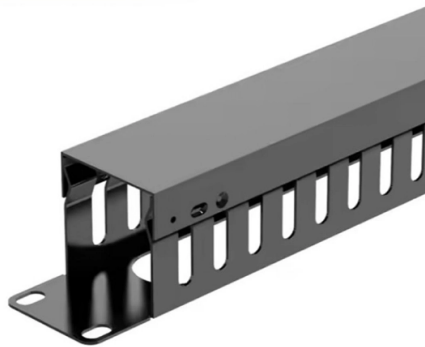


Thai manufacturer of active optical equipment QSFP-DD



Article Overview

Currently, there is no publicly documented Thai manufacturer of QSFP-DD active optical equipment; most suppliers are based in Taiwan, China, or other regions.

QSFP-DD (Quad Small Form-factor Pluggable Double Density) is a high-speed optical module standard designed for 400G, 800G, and higher data rates, supporting both Ethernet and InfiniBand applications. Active Optical Cables (AOCs) using QSFP-DD form factors are widely used in data centers for short-range interconnects, offering advantages such as lower weight, smaller bend radius, and improved airflow compared to copper cables. These cables are typically available in multimode fiber types (OM3, OM4) and lengths ranging from 1 meter up to 100 meters. Major manufacturers of QSFP-DD AOCs include Optech Technology (Taiwan), which provides 400G QSFP-DD AOCs optimized for high-density deployments, and QSFPTEK, which offers breakout cables and generic compatible 400G QSFP-DD AOCs for data center and HPC environments. These products are fully compliant with IEEE 802.3cd standards and QSFP-DD MSA specifications, ensuring interoperability across multi-vendor switches and transceivers. For sourcing in Thailand, companies often rely on regional distributors or resellers of these international manufacturers rather than local production. Thai-based networking or telecom firms may import QSFP-DD AOCs from Taiwan, China, or Singapore to meet local data center requirements. If a Thai manufacturer exists, it is not widely publicized or listed in standard industry directories. Recommendation: For procurement in Thailand, consider contacting authorized distributors of Optech or QSFPTEK, or regional electronics suppliers that stock QSFP-DD active optical cables. This ensures access to certified, high-performance products compatible with 400G and higher networking standards.

Article Content

400G QSFP-DD Cable and Transceiver Modules Data Sheet | FS

400G QSFPDD active optical cables (Figure 10) are designed for use in 400 Gigabit Ethernet links over OM4 multimode fibers, and

400G QSFP-DD AOC (Active Optical Cable)

Optech's 400G QSFP-DD AOC (Active Optical Cables) portfolio offers a wide range of active cables with different options in terms of

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TP-Link is the world's #1 provider of consumer WiFi networking devices, shipping products to over 170 countries and hundreds of

400G QSFP-DD AOC Active Optical Cabl

Optech is a leading company in developing and manufacturing Optical Transceivers and Cables solutions for Data Center and

400G QSFP-DD Digital Coherent Optics transceiver

By plugging Coherent's high transmit output power 400G QSFP-DD-DCO transceivers directly into their switches or routers, network

Cisco 400G QSFP-DD Cable and Transceiver Modules

Product overview The Cisco 400GBASE Quad Small Form-Factor Pluggable Double Density (QSFP-DD) portfolio offers customers a

400G QSFP-DD to QSFP-DD Active Optical Cable (AOC)

400G QSFP-DD to QSFP-DD Active Optical Cable QuickSpecs Technical Specifications Quad Small Form-factor Pluggable Double

Tanlink Optics

Tanlink Optics Our high-speed optical transceivers, supporting 200G, 400G, and 800G capabilities, are engineered to meet the

Fiber Optic Transceiver Modules | Optoelectronics | DigiKey

Fiber Optic Transceiver Modules Fiber optic transceiver modules are fiber cable adaptive housings that contain a light source for

QSFP-DD - GIGALIGHT

The optical amplifier module developed by GIGALIGHT is designed for long-distance transmission systems in digital optical fiber

Cisco 400G Digital Coherent Optics QSFP-DD Optical Modules

Thanks to the miniaturization of the technology with a 7-nm manufacturing procedure and innovation in silicon photonic technology, it

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