

Request a quote for Passive Optical Network QSFP28



Overview

QSFP28 optical transceivers | SmartopticsSmartoptics offers a wide selection of QSFP28 transceivers designed to support 100G Ethernet across different netw.

Key Takeaways

Passive QSFP28 DAC cables typically range from \$25 to \$40 per meter, with short-reach modules offering cost-effective, high-speed connectivity for data centers. Overview of QSFP28 Passive OptionsPassive QSFP28 Direct Attach Copper (DAC) Twinax Cables are designed for short-range, high-speed connections, ideal for intra-rack or adjacent-rack deployments. Key features include: Data Rate: Supports up to 100 Gbps, suitable for high-bandwidth applications.

Range: Optimized for short distances, typically up to 5 meters. Power Efficiency: Passive cables require no additional power, reducing energy consumption.

Cost-

Effectiveness: More affordable than active optical cables or transceivers for short distances. Compatibility: QSFP28 MSA-compliant interfaces ensure plug-and-play operation with existing network equipment. Pricing BenchmarksShort-Reach Passive DACs: Approximately \$25-\$40 per meter, depending on length and vendor.

QSFP28 Optical Transceivers: OEM modules can cost several hundred dollars each, while compatible third-party modules may start as low as \$35 for common short-reach models. Bandwidth Cost Efficiency: At volume, QSFP28 SR4 modules can reach \$0.35 per Gbps, making them highly cost-efficient for 100G deployments.

Vendor Options and Ordering

Swedish Telecom Opto offers 100G QSFP28 passive DAC Twinax cables suitable for data centers and enterprise networks. Cables on Demand provides 100G QSFP28 optical transceivers in SR4 (short-range multimode) and LR1 (long-range single-mode) variants, supporting distances up to 100 meters for MMF and 10 km for SMF. American Tech Supply lists a range of QSFP28 fiber optic transceivers, DACs, and active optical cables, with 24/7 support for inquiries and quotes.

Recommendation for Requesting a QuoteSpecify Cable Type: Passive DAC for short-range or optical transceiver for longer distances. Determine Length: For DACs, specify the required meter length; for optical modules, specify SR4 or LR4. Contact Vendors: Reach out via email or phone to request a formal quote, including quantity, delivery, and warranty options.

For example, Cables on Demand can be contacted at customerservice@cablesondemand.com. By providing these details, vendors can supply an accurate quote tailored to your network deployment needs.

Article Content

QSFP28 optical transceivers | Smartoptics

Smartoptics offers a wide selection of QSFP28 transceivers designed to support 100G Ethernet across different networking environments. Coherent QSFP28 –

Optical Transceivers SFP SFP28 QSFP28 QSFP-DD 1G to 400G Range

100G QSFP28 Transceivers Enterprise-Class Optical Networking Versatile and reliable, perfect for data center and telecom use cases.

100G QSFP28 Transceiver Modules | Optical Transceivers

Click to get your 100GBE transceiver modules from nearby warehouses. 30-Day Free Return. Trusted by 260K+ Enterprise Users.

Optical Transceiver: QSFP28

Here you can learn more about the fast and cost-efficient transceiver QSFP28 and you can request information. At Pan Dacom Direkt GmbH. Visit us on our Website.

100G QSFP28 Optical Transceiver Supplier

As your 100G QSFP28 transceiver supplier and manufacturer, we will return a complete bill of materials covering QSFP28 optics, DAC/AOC, and breakout cables with OEM part number cross-references

QSFP28 Fiber Optic Transceivers/DACs & AOCs (Active Optical

Whether you are building out a new network, extending the value of an existing network, or simply looking for a reliable replacement for your current transceivers, we have the right solution for you.

[QSFP28 Transceiver: Complete 100G Connectivity Guide \(2026\)](#)

QSFP28 transceiver guide covering module types, pricing, compatibility, and deployment. Learn how to choose, deploy, and troubleshoot 100G QSFP28 optics.

[QSFP28 Optical Transceiver Modules for Sale \(100G\) | Cables on](#)

Our QSFP28-SR Multi-Mode-Fiber (MMF) Optical Modules integrate a 12-lane MTP/MPO fiber receptacle (port) for 100G Ethernet links using industry-standard MTP/MPO fiber patch cords up to

[100G QSFP28 Passive Loopback Module](#)

FiberWeek 100G QSFP28 loopback module is designed to test and optimize network reliability and performance of 100 Gigabit Ethernet links with precision.

[QSFP28 Loopback Modules \(100G\)](#)

Our QSFP28 100G Loopbacks feature over 15 power (TDP) and attenuation options to duplicate the operational characteristics of typical QSFP28 cable assemblies and optical modules.

[800G DAC Cable for Nvidia DGX & HGX: Specs & Sourcing Guide](#)

Complete spec and sourcing guide for 800G DAC cables compatible with Nvidia DGX H100/H200 and HGX systems. Factory OEM pricing available.

[Enet NVIDIA Mellanox Compatible MCP1600-E002 TAA Compliant](#)

Product Details ENET NVIDIA Mellanox Compatible MCP1600-E002 TAA Compliant Functionally Identical 100GBASE-CU QSFP28 to QSFP28 InfiniBand Passive Copper Direct-Attach Cable

[Fiber Patch Cords: Types and How to Choose the Right](#)

Fiber patch cords are a critical component of modern optical networks, and choosing the right type is essential for ensuring optimal

[SC17A61123 Lenovo 100GbE QSFP28 to QSFP28 1m Direct Attach](#)

Buy Lenovo SC17A61123 100GbE QSFP28 to QSFP28 1m direct attach copper cable for datacenter high-speed connectivity. In stock at TechAtlantix with fast shipping and enterprise support.

[Optical Transceiver Solutions for Cloud Performance](#)

Explore advanced optical transceiver technology for hyperscale environments, ensuring performance and reliability across platforms.

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N9K-C93180YC-FX3 Transceiver Compatibility & Optics List

Verified optics for the N9K-C93180YC-FX3: 25G SFP28, 40/100G QSFP28, DAC/AOC and breakout cables, SFP-10G-T-X port rules, and minimum NX-OS per module.

03GX243 Lenovo 5m Cornelis OPA 100 Series Active QSFP28 Optical

5-meter active QSFP28 optical cable for high-speed data transfer Compatible with Lenovo 100 Series Cornelis OPA devices Supports 100Gbps bandwidth for demanding network environments Low

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

