

BRAND NEW & VERIFIED



VERIFIED PRODUCT DATASHEET

QSFP-100G-CU5M

Cisco Network Hardware Specification, Availability and Quote Reference

Product Model	QSFP-100G-CU5M
Document Type	Product Datasheet
Condition	Brand New, Original and Verified
Supplier	Layer23-Switch.com

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QSFP-100G-CU5M Datasheet

The Cisco QSFP-100G-CU5M datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the QSFP-100G-CU5M and integrate it into enterprise or service provider networks with confidence.

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Key Features

- High-Density QSFP28 Interface:** Utilizes the industry-standard QSFP28 footprint, delivering 2.5 times the bandwidth of traditional 40G QSFP+ cables within the exact same physical port space, maximizing front-panel real estate.
- Enterprise-Grade Cost Efficiency:** Natively provides a 100G link without the need to procure, assemble, and clean separate, highly expensive 100G optical transceivers and MPO fiber patch cords.
- Nanosecond Ultra-Low Latency:** Copper twinax propagation eliminates the need for optical-to-electrical signal conversion, resulting in fundamentally lower latency—an absolute necessity for High-Frequency Trading (HFT) and High-Performance Computing (HPC) server clusters.
- Zero Power Overhead:** As a passive cable with no integrated signal amplification chips, it draws less than 0.1W. This severely cuts down rack power consumption and alleviates power supply strain on heavily loaded aggregation switches.
- Plug-and-Play Cisco Reliability:** Hard-coded with Cisco Quality ID EEPROM data to ensure instant hardware recognition, seamless link-up, and full telemetry support across Cisco OS platforms, eliminating “unsupported transceiver” errors.
- Hot-Swappable High Availability:** Fully supports safe removal and insertion into live network hardware without requiring chassis reboots or causing traffic disruption on adjacent high-speed ports.

Specification

Parameter	Details	Parameter	Details
Manufacturer	Cisco Systems	Product Type	Direct-Attach Copper (DAC) Cable
Part Number	QSFP-100G-CU5M	Cable Media	Twinax Copper

Parameter	Details	Parameter	Details
Data Rate	100 Gbps (100GBASE-CR4)	Active/Passive	Passive
Form Factor	QSFP28 to QSFP28	Cable Length	5 Meters (16.4 ft)
Wire Gauge	26 AWG	Minimum Bend Radius	Standard 26 AWG bend compliance
Operating Temperature	0°C to 70°C (32°F to 158°F)	Storage Temperature	-40°C to 85°C (-40°F to 185°F)
Power Consumption	< 0.1W	Hot Swappable	Yes
DOM/DDM Capable	Yes (Hardware Supported)	Compliance	IEEE 802.3bj, SFF-8665

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