

BRAND NEW & VERIFIED



VERIFIED PRODUCT DATASHEET

QSFP-H40G-CU5M

Cisco Network Hardware Specification, Availability and Quote Reference

| | |
|----------------------|---|
| Product Model | QSFP-H40G-CU5M |
| Document Type | Product Datasheet |
| Condition | Brand New, Original and Verified |
| Supplier | Layer23-Switch.com |

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QSFP-H40G-CU5M Datasheet

The Cisco QSFP-H40G-CU5M datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the QSFP-H40G-CU5M and integrate it into enterprise or service provider networks with confidence.

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Key Features

- **High-Density Form Factor:** Utilizes the Quad Small Form-Factor Pluggable Plus (QSFP+) interface, supporting up to 40Gbps over four integrated 10G lanes in a single port footprint.
- **Ultra-Low Latency:** Copper twinax propagation provides fundamentally lower latency than optical conversions, making it ideal for High-Frequency Trading (HFT) and High-Performance Computing (HPC).
- **Hot-Swappable Design:** Can be safely removed and inserted into live networks without powering down switches or disrupting traffic on adjacent ports.
- **Superior EMI Protection:** Specifically engineered with optimized shielding to prevent electromagnetic interference (EMI) crosstalk in densely packed server racks.

Specification

| Parameter | Details | Parameter | Details |
|---------------------|-----------------------|-----------------------|----------------------------------|
| Manufacturer | Cisco Systems | Product Type | Direct-Attach Copper (DAC) Cable |
| Part Number | QSFP-H40G-CU5M | Cable Media | Twinax Copper |
| Data Rate | 40 Gbps (40GBASE-CR4) | Active/Passive | Passive |
| Form Factor | QSFP+ to QSFP+ | Cable Length | 5 Meters (16.4 ft) |

| Parameter | Details | Parameter | Details |
|-----------------------|-----------------------------|---------------------|--------------------------------|
| Wire Gauge | 24 AWG | Color | N/A |
| 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 802.3ba, SFF-8436 |

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Why Layer23-Switch.com

As a leading network hardware supplier, Layer23-Switch.com focuses on original new ICT equipment of Cisco, H3C, Juniper, etc.

200+

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