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Overview

The Cisco® 40GBASE QSFP (Quad Small Form-Factor Pluggable) portfolio offers customers a wide variety of high-density and low-power 40 Gigabit Ethernet connectivity options for data center, high-performance computing 00networks, enterprise core and distribution layers, and service provider applications.

Quick Specification

Table 1 shows the Quick Specs.

Model	QSFP-H40G-CU5M
Description	Cisco 40GBASE-CR4 QSFP direct-attach copper cable, 5-meter, passive
Dimensions	13.5 x 18.4 x 72.4 mm
Wavelength (nm)	\
Cable Type	Direct-attach copper cable assembly
Core Size (microns)	\
Modal Bandwidth (MHz-km)	\
Cable Distance	5m
Power Consumption (W)	1.5
Pull Tab Color	Gray

Figure 1 shows the appearance of QSFP-H40G-CU5M.



Product Details

Features and benefits of Cisco QSFP 40G modules:

- Hot-swappable input/output device that plugs into a 40 Gigabit Ethernet Cisco QSFP port
- Interoperable with other IEEE-compliant 40GBASE interfaces where applicable
- Certified and tested on Cisco QSFP 40G ports for superior performance, quality, and reliability
- High-speed electrical interface compliant to the IEEE 802.3ba standard
- QSFP Form factor, 2-wire I2C communication interface and other low-speed electrical interface compliant to SFF 8436 and QSFP Multisource Agreement (MSA)

Platform support

Table 2 shows the supported platforms

Supported platform	Recommended Model
Cisco Switch Catalyst 9400	C9400-SUP-1 C9400-SUP-1XL C9400-SUP-1XL-Y
Cisco Switch Catalyst 9500	C9500-24Y4C C9500-48Y4C C9500-12Q C9500-24Q C9500-NM-2Q C9500-32QC C9500-32C
Cisco Nexus 5000 Series	N5K-C5672UP-16G N5K-C5672UP N5K-C56128P
Cisco Switch Catalyst 6800	C6800-SUP6T
Cisco Nexus 9300 Series	N9K-C93180YC-EX N9K-C93180YC-FX N9K-C9348GC-FXP N9K-C93240YC-FX2 N9K-C9336C-FX2 N9K-C93108TC-EX N9K-C93180LC-EX N9K-C93108TC-FX N9K-C93180YC-EX N9K-C93180YC-FX N9K-C9348GC-FXP N9K-C93240YC-FX2
Cisco Nexus 3000 Series	N3K-C3232C N3K-C31108PC-V N3K-C31108TC-V

Cisco Switch Catalyst 9300	C9300-NM-2Q
Cisco Nexus 9200 Series	N9K-C92160YC-X N9K-C92300YC N9K-C92304QC N9K-C9272Q
Cisco Switch Catalyst 3850	C3850-NM-2-40G WS-C3850-48XS
Cisco Switch Catalyst 3650	WS-C3650-12X48UZ
Cisco Switch Catalyst 3650X	WS-C3560X-24T WS-C3560X-48T WS-C3560X-24P WS-C3560X-48P WS-C3560X-48PF

Compare to Similar Items

Table 3 shows the comparison.

Model	QSFP-H40G-CU0-5M	QSFP-H40G-CU1M	QSFP-H40G-CU2M	QSFP-H40G-CU3M	QSFP-H40G-CU4M	QSFP-H40G-CU5M
Description	Cisco 40GBASE-CR4 QSFP direct-attach copper cable, 0.5-meter, passive	Cisco 40GBASE-CR4 QSFP direct-attach copper cable, 1-meter, passive	Cisco 40GBASE-CR4 QSFP direct-attach copper cable, 2-meter, passive	Cisco 40GBASE-CR4 QSFP direct-attach copper cable, 3-meter, passive	Cisco 40GBASE-CR4 QSFP direct-attach copper cable, 4-meter, passive	Cisco 40GBASE-CR4 QSFP direct-attach copper cable, 5-meter, passive
Wavelength (nm)	\	\	\	\	\	\
Cable Type	Direct-attach copper cable assembly	Direct-attach copper cable assembly	Direct-attach copper cable assembly	Direct-attach copper cable assembly	Direct-attach copper cable assembly	Direct-attach copper cable assembly
Core Size (microns)	\	\	\	\	\	\
Modal Bandwidth (MHz-km)	\	\	\	\	\	\
Cable Distance	0.5m	1m	2m	3m	4m	5m
Power Consumption (W)	1.5	1.5	1.5	1.5	1.5	1.5
Pull Tab Color	Beige	Beige	Brown	Orange	Orange	Gray

Get More Information

Do you have any question about the QSFP-H40G-CU3M?

Contact us now via info@hi-network.com.

Specification

QSFP-H40G-CU5M Specification	
Description	Cisco 40GBASE-CR4 QSFP direct-attach copper cable, 5-meter, passive
Dimensions	13.5 x 18.4 x 72.4 mm
QSFP Port cabling specifications	
Wavelength (nm)	\
Cable Type	Direct-attach copper cable assembly
Core Size (microns)	\
Modal Bandwidth (MHz-km)	\
Cable Distance	5m
Power Consumption (W)	1.5
Pull Tab Color	Gray
Environmental conditions	
Commercial temperature	0 to 70°C (32 to 158°F)
Storage temperature	-40 to 85°C (-40 to 185°F)
Regulatory and standards compliance	
Standards	<ul style="list-style-type: none"> •GR-20-CORE: Generic Requirements for Optical Fiber and Optical Fiber Cable • GR-326-CORE: Generic Requirements for Single-Mode Optical Connectors and Jumper Assemblies • GR-1435-CORE: Generic Requirements for Multifiber Optical Connectors • IEEE 802.3ba (-SR4, -LR4) • IEEE 802.3ae (-CSR4) • QSFP+ MSA SFF-8436 • SFP+ MSA SFF-8431 and -8461 • RoHS 6
Safety	<ul style="list-style-type: none"> • Cable jacket of QSFP copper modules is UL E116441 Compliant • QSFP copper cables are ELV Compliant

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