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## Overview

The Cisco® 100GBASE Quad Small Form-Factor Pluggable (QSFP) portfolio offers customers a wide variety of high-density and low-power 100 Gigabit Ethernet connectivity options for data center, high-performance computing networks, enterprise core and distribution layers, and service provider applications. The QSFP-100G modules are our new generation of 100G transceiver modules solution based on a QSFP form factor.

## Quick Specs

Figure 1 shows the appearance of the QSFP-100G-CU1M.



Table 1 shows the Quick Specs.

Product Code	QSFP-100G-CU1M
Description	Cisco 100GBASE-CR4 QSFP Passive Copper Cable, 1-meter
Dimensions	13.5 x 18.4 x 72.4 mm
Nominal Wavelength (nm)	\
Cable Type	Direct-attach copper cable assembly
Core Size (Microns)	\
Modal Bandwidth (MHz*km)	\
Cable Distance	1m
Power Consumption (W)	1.5
Pull Tab Color	Beige

## Product Details

QSFP-100G Optical modules provide these highlights:

- Hot-swappable input/output device that plugs into a 100G Gigabit Ethernet Cisco QSFP port
- Interoperable with other IEEE-compliant 100GBASE interfaces where applicable
- Certified and tested on Cisco QSFP-100G ports for superior performance, quality, and reliability
- High-speed electrical interface compliant to IEEE 802.3bm

## Platform support

Table 2 shows the supported platforms

Supported platform	Recommended Model
Cisco Switch Catalyst 9500	C9500-24Y4C C9500-48Y4C C9500-32QC C9500-32C
Cisco Nexus 9300 Series	<a href="#">N9K-C93180YC-EX</a> <a href="#">N9K-C93180YC-FX</a> <a href="#">N9K-C9348GC-FXP</a> N9K-C93240YC-FX2 <a href="#">N9K-C9336C-FX2</a> <a href="#">N9K-C93108TC-EX</a> N9K-C93180LC-EX <a href="#">N9K-C9364C</a> <a href="#">N9K-C9332C</a> N9K-C93600CD-GX N9K-C9316D-GX
Cisco Nexus 3000 Series	<a href="#">N3K-C3232C</a> N3K-C36180YC-R <a href="#">N3K-C31108PC-V</a> <a href="#">N3K-C31108TC-V</a> N3K-C3636C-R N3K-C3264C-E N3K-C3132C-Z N3K-C34180YC N3K-C3464C
Cisco Nexus 9500 Series	N9K-X9636C-R N9K-X9636C-RX
Cisco Nexus 9200 Series	<a href="#">N9K-C92160YC-X</a> N9K-C92300YC N9K-C9236C N9K-C92304QC

## Compare to Similar Items

Table 3 shows the comparison.

Parameters	QSFP-100G-CU1M	QSFP-100G-CU2M	<a href="#">QSFP-100G-CU3M</a>	QSFP-100G-CU5M
Description	Cisco 100GBASE-CR4 QSFP Passive Copper Cable, 1- meter	Cisco 100GBASE-CR4 QSFP Passive Copper Cable, 2- meter	Cisco 100GBASE-CR4 QSFP Passive Copper Cable, 3- meter	Cisco 100GBASE-CR4 QSFP Passive Copper Cable, 5- meter
Nominal Wavelength (nm)	\	\	\	\
Cable Type	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	1m	2m	3m	5m
Power Consumption (W)	1.5	1.5	1.5	1.5
Pull Tab Color	Beige	Brown	Orange	Gray

## Get More Information

Do you have any question about the QSFP-100G-CU1M?

Contact us now via [info@hi-network.com](mailto:info@hi-network.com).

## Specification

QSFP-100G-CU1M Specification	
Description	Cisco 100GBASE-CR4 QSFP Passive Copper Cable, 1-meter
Dimensions	13.5 x 18.4 x 72.4 mm
QSFP Port cabling specifications	
Nominal Wavelength (nm)	\
Cable Type	Direct-attach copper cable assembly
Core Size (Microns)	\
Modal Bandwidth (MHz*km)*	\
Cable Distance	1m
Power Consumption (W)	1.5
Pull Tab Color	Beige

* Specified at transmission wavelength. For QSFP-40/100-SRBD, Modal Bandwidth is specified at 850nm	
<b>Environmental Conditions and Power Requirements</b>	
Commercial temperature	0 to 70°C (32 to 158°F)
Storage temperature	-40 to 85°C (-40 to 185°F)
<b>Regulatory and Standards compliance</b>	
Standards	<ul style="list-style-type: none"> <li>• SFF-8665: QSFP+ 28 Gb/s 4X Pluggable Transceiver Solution (QSFP28) - Rev 1.8 May 10, 2013</li> <li>• SFF-8636: Common Management Interface - DRAFT Rev 1.9 May 12, 2014</li> <li>• 802.3™-2012 IEEE Standard for Ethernet</li> <li>• IEEE 802.3ba Amendment of IEEE Std 802.3-2012</li> <li>• IEEE 802.3bm Amendment of IEEE Std 802.3-2012 (D3.1, 1st August 2014)</li> <li>• GR-20-CORE: Generic Requirements for Optical Fiber and Optical Fiber Cable</li> <li>• GR-326-CORE: Generic Requirements for Single-Mode Optical Connectors and Jumper Assemblies</li> <li>• GR-468-CORE: Generic Requirements for Optoelectronic Devices Used in Telecommunications Equipment</li> <li>• GR-1435-CORE: Generic Requirements for Multifiber Optical Connectors</li> <li>• RoHS 6</li> </ul>
Safety	<ul style="list-style-type: none"> <li>• Cable jacket of QSFP copper modules is UL E116441 Compliant</li> <li>• QSFP copper cables are ELV compliant</li> </ul>

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