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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

Product Code	QSFP-40G-SR-BD=
Description	Cisco 40GBASE-SR Bi-Directional QSFP Module for Duplex MMF
Dimensions	13.5 x 18.4 x 72.4 mm
Wavelength (nm)	832 - 918
Cable Type	MMF
Core Size (microns)	50.0 50.0 50.0
Modal Bandwidth (MHz-km)	500 (OM2) 2000 (OM3) 4700 (OM4)
Cable Distance	30m 100m 150m
Power Consumption (W)	3.5
Pull Tab Color	Gray

## Product Details:

The Front Panel:



**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)

## Accessories For QSFP-40G-SR-BD

Compare to Similar Items:

Product Code	QSFP-40G-BD-RX=	QSFP-40G-SR-BD=
Description	Cisco 40GBASE-SR Bi-Directional QSFP Monitor Module for Duplex MMF	Cisco 40GBASE-SR Bi-Directional QSFP Module for Duplex MMF
Dimensions	13.5 x 18.4 x 72.4 mm	13.5 x 18.4 x 72.4 mm
Wavelength (nm)	832 - 918	832 - 918
Cable Type	MMF	MMF
Core Size (microns)	50.0 50.0 50.0	50.0 50.0 50.0
Modal Bandwidth (MHz-km)	500 (OM2) 2000 (OM3) 4700 (OM4)	500 (OM2) 2000 (OM3) 4700 (OM4)
Cable Distance	30m 100m 150m	30m 100m 150m
Power Consumption (W)	3.5	3.5
Pull Tab Color	Beige(or Gray with "Rx" mark)	Gray

Get more information:

Do you have any question about the QSFP-40G-SR-BD?

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

## Specific Data Sheet:

Description	Cisco 40GBASE-SR Bi-Directional QSFP Module for Duplex MMF
Dimensions	13.5 x 18.4 x 72.4 mm
<b>QSFP Port cabling specifications</b>	
Wavelength (nm)	832 - 918
Cable Type	MMF
Core Size (microns)	50.0

# QSFP-40G-SR-BD Datasheet



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	50.0 50.0
Modal Bandwidth (MHz-km)	500 (OM2) 2000 (OM3) 4700 (OM4)
Cable Distance	30m 100m 150m
Power Consumption (W)	3.5
Pull Tab Color	Gray
Optical characteristics	
Type	40GBASE-SR-BiDi, Duplex MMF
Transmit Power (dBm)	Max:+5 per lane Min:-4 per lane
Receive Power (dBm)	Max:+5.0 per lane Min:-6.0 per lane
Transmit and Receive Wavelength (nm)	832 to 918
Environmental conditions	
Commercial temperature	+10 to 70°C (50 to 158°F)
Storage temperature	-40 to 85°C (-40 to 185°F)
Regulatory and standards compliance	
Standards	<ul style="list-style-type: none"> <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-1435-CORE: Generic Requirements for Multifiber Optical Connectors</li> <li>•IEEE 802.3ba (-SR4, -LR4)</li> <li>•IEEE 802.3ae (-CSR4)</li> <li>•QSFP+ MSA SFF-8436</li> <li>•SFP+ MSA SFF-8431 and -8461</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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