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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

Huawei Compatible	QSFP-40G-LR4=
Description	Cisco 40GBASE-LR4 QSFP Module for SMF with OTU-3 data-rate support
Dimensions	13.5 x 18.4 x 72.4 mm
Wavelength (nm)	1310
Cable Type	SMF
Core Size (microns)	G.652
Modal Bandwidth (MHz-km)	\
Cable Distance	10km
Power Consumption (W)	3.5
Pull Tab Color	Blue

## 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)

## Compare To Similar Items:

Product Code	<a href="#">QSFP-40G-ER4=</a>	<a href="#">QSFP-40G-LR4=</a>
Description	Cisco 40GBASE-ER4 Module for SMF with OTU-3 data-rate support	Cisco 40GBASE-LR4 QSFP Module for SMF with OTU-3 data-rate support
Dimensions	13.5 x 18.4 x 72.4 mm	13.5 x 18.4 x 72.4 mm
Wavelength (nm)	1310	1310
Cable Type	SMF	SMF
Core Size (microns)	G.652	G.652
Modal Bandwidth (MHz-km)	\	\
Cable Distance	40km	10km
Power Consumption (W)	3.5	3.5
Pull Tab Color	Red	Blue

Get more information:

Do you have any question about the QSFP-40G-LR4=?

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

## Specific Data Sheet:

Huawei Compatible	QSFP-40G-LR4=
Description	Cisco 40GBASE-ER4 Module for SMF with OTU-3 data-rate support
Dimensions	13.5 x 18.4 x 72.4 mm
QSFP Port cabling specifications	
Wavelength (nm)	1310
Cable Type	SMF
Core Size (microns)	G.652
Modal Bandwidth (MHz-km)	\

# QSFP-40G-LR4= Datasheet



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Cable Distance	40km
Power Consumption (W)	3.5
Pull Tab Color	Blue
Optical characteristics	
Type	40GBASE-LR4 with OTU3 data rate support, 1310 nm, SMF
Transmit Power (dBm)	Max:+2.3 per lane Min:-7.0 per lane
Receive Power (dBm)	Max:+2.3 per lane Min:-13.7 per lane
Transmit and Receive Wavelength (nm)	Four lanes: 1271, 1291, 1311, 1331
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"><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>



## Want to Buy

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