

# 40GBASE-PLR4 1310nm 10km MPO



## Popular Compatibility Options

Vendor	Part Code
Wire	40GBASE-PLR4-WR
Cisco	QSFP-4X10G-LR-S
Juniper	JNP-QSFP-4X10GE-LR
Juniper	QSFP-4X10GE-LR
Mellanox	MC2210511-PLR4
Arista	QSFP-40G-PLR4
Brocade	QSFP-40G-PLR4
Dell	407-BBQV
Extreme	10326
H3C	QSFP-40G-LR4-PSM1310
Intel	E40GQSFP-2
Avaya	QSFP-PLR4-40G
75+ other vendors available	

## 40GBASE-PLR4 Specifications

<b>Form Factor:</b>	QSFP+
<b>Data Rate:</b>	40G
<b>Tx/Rx Wavelength:</b>	1310nm
<b>Compatible with:</b>	See Table
<b>Reach:</b>	10km
<b>Cable Type:</b>	SMF
<b>Interface Type:</b>	QSFP+
<b>DDM/DOM:</b>	Yes
<b>Connector Type:</b>	MPO/MTP
<b>Power Supply:</b>	3.3V
<b>Temperature Range:</b>	0-70°C
<b>Warranty:</b>	Lifetime - See Warranty Document

## Description

This 40G-PLR4 compatible QSFP+ transceiver provides 40G throughput up to 10km over Single-Mode Fiber (SMF) using a wavelength of 1310nm via a MPO/MTP connector. It is guaranteed to be 100% compatible with the host OEM switch, router or network interface card (NIC).

This easy to install, hot swappable transceiver has been programmed, uniquely serialized and application tested to ensure that it will initialize and perform identically to the OEM Transceiver. Digital Optical Monitoring (DOM) support is also present to allow access to real-time operating parameters. We stand behind the quality of our products and proudly offer a lifetime warranty.

## 40GBASE-PLR4 Features

- Hot pluggable SFP+ footprint
- Supports 39.995 to 42.5 Gb/s bit rates
- RoHS-6 compliant
- Built-in digital diagnostic function
- Compliant with OEM vendor multi-source agreement

## Testing

**Compatibility Tested:** Each transceiver is tested in an original host switch for recognition (Loop back test)

**Performance Tested:** Tested over an optical connection of the intended distance. Recreated in the lab using a bit fiber spool method.

**100% Testing of all Transceivers:** No Batch Testing (1-10%)