



**Adam Tas Corridor Energy**

# **Israeli Customized OTN Router QSFP-DD**





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### QSFP-DD

QSFP-DD is a new module and cage/connector system similar to current QSFP, but with an additional row of contacts providing for an eight lane electrical interface. It

### QSFP-DD Optical Transceivers - MapYourTech

QSFP-DD is an advanced hot-pluggable optical transceiver form factor that doubles the bandwidth density of traditional QSFP28 modules by



### DATASHEET 6.8 QSFP-DD 100GE DP-QPSK 450KM ETH/OTN

100Gbps Ethernet, OTN and OpenROADM applications. The transceiver is intended for use in interconnect applications between data centers with switches, routers etc. having QSFP-DD supp.

### Cisco QSFP-DD and OSFP 800G ZR/ZR+ Coherent

They expand Cisco routed optical networking applications to include 800G links and are



compatible with Cisco and third-party 800G-capable routers,



### 400G/300G/200G QSFP-DD Digital Coherent Optics

The emerging OIF 400ZR and Open ZR+ MSA coherent transceivers in QSFP-DD and OSFP form factors generally have low transmit output power (-10 dBm),

### Specification - QSFP-DD

July 11, 2019 - QSFP-DD Hardware Specification for QSFP DOUBLE DENSITY 8X PLUGGABLE TRANSCEIVER - Rev 5.0 May 8, 2019 - Common Management Interface



### QSFP-DD Hardware

Chapter 9 describes an improved QSFP+ form factor called QSFP112 39 with improved signal integrity for 100 Gb/s per lane operation and with an aggregate bandwidth of 400 Gb/s.



## Cisco QSFP-DD Pluggable Open Line System (QSFP-DD OLS)

Even with this new version of the 400G ZR+ the QSFP-DD OLS still provides value as it further extends the reach of the 400G Bright QSFP-DD optics beyond the 80 to 120 km limit and, more importantly, it



## QSFP-DD TRANSCEIVERS for 400G and 800G , Smartoptics

QSFP-DD is the most widely adopted form factor for 400G, with great potential for 800G. While QSFP-DD prioritizes backward compatibility, OSFP's larger surface area enables higher thermal efficiency

## Cisco QSFP-DD Pluggable Open Line System (QDD)

This "pluggable open line system" perfectly integrates into the Cisco



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