



# CITIC 40km optical module

40G ER4 is a transceiver module designed for long-distance (40km) optical communication applications. The design is compliant to 40GBASE-ER4 of the IEEE P802.3ba standard.

The module converts 4 inputs channels (ch) of 10Gb/s electrical data to 4 CWDM optical signals, and multiplexes them into a single channel for 40Gb/s optical transmission.

FS 40G QSFP+ optical transceiver module solutions offer a full range of QSFP+ modules from 150m to 80km reach, and used for high-density switching, routing and data center applications.

The INTCERA 40G QSFP+ ER4 optical module (GQS-SPO400-ER4C) supports transmission distance up to 40km using CWDM wavelengths (1271nm, 1291nm, 1311nm, 1331nm). Designed for 40G ...

This hot-pluggable module multiplexes 4  $\times$  10.3125 Gbps electrical lanes into 4 CWDM optical channels (1271, 1291, 1311, 1331 nm) and combines them for a total 40Gbps optical link. On the receive side, it ...

QSFP28 100G ER4 BIDI modules are Advanced LWDM QSFP28 Bi-Directional transceiver for 100GbE, ideal for Datacom, Data Center & Storage networks - AscentOptics.

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The QSFP+ module is designed for use in 40GBASE Ethernet throughput up to 40km over single mode fiber (SMF) using a wavelength of 1310nm via duplex LC connectors. This transceiver is compliant ...

40G QSFP ER4 optical transceiver module, support 40Gb/s and up to 40 km transmission on SM fiber, it works in high-speed IDC connection solutions, and so on.

100G QSFP ER4L 40km o Support line rates from 103.125 Gbps to 111.81Gbps o Compliant with QSFP28 Standard: SFF-8665 Revision 1.9, SFF-8636 Revision 2.6



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Web: <https://safireschools.co.za>

