



InLine 32336E network transceiver module Fiber optic 100000 Mbit/s QSFP28 850 nm



Model: 32336E

Manufacturer: INLINE

EAN: 4043718350636

Product Code: 1081633

R2,637

100 Gigabit performance with 100GBASE-SR4: Ideal for modern data centres, spine-leaf architectures and high-performance core networks with high data throughput.

Up to 100 m range: Optimised for multimode fibres (OM4 up to 100 m, OM3 up to 70 m) – perfect for structured high-speed cabling within racks or data centres.

4x25Gb/s at 850 nm (VCSEL array): Four parallel channels, each with 25.78 Gb/s, ensure stable and efficient 100G transmission via an MPO-12 interface.

Digital Diagnostic Monitoring (DDM): Precise real-time monitoring of temperature, voltage, TX/RX power and bias current via I²C interface – for maximum transparency during operation.

MSA and IEEE compliant: Compatible with QSFP28 MSA, IEEE 802.3bm and SFF-8636 – making it

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widely usable with commercially available 100G switches and routers.

The InLine® QSFP28-100G-SR4 module provides reliable 100 Gigabit Ethernet connections via multimode fibre. With an aggregate data rate of 100 Gb/s (4x25.78 Gb/s), it is ideal for high-performance applications in data centres, enterprise core networks and high-performance server environments.

Transmission is via an 850 nm VCSEL array with PIN receiver structure. Thanks to parallel 4-channel technology, a range of up to 100 metres on OM4 and 70 metres on OM3 fibres is achieved.

Connection is via an MPO-12 interface.

With a power consumption of less than 2.5 W, the module remains energy-efficient despite its high bandwidth. Power is supplied via 3.3 V. The operating temperature range of 0 °C to +70 °C makes the module suitable for typical data centre environments.

Digital Diagnostic Monitoring (DDM) enables continuous monitoring of important operating parameters such as temperature (± 3 °C), supply voltage (± 3 %) and TX and RX power. This allows network conditions to be detected at an early stage and maintenance measures to be planned in a targeted manner.

The module is hot-pluggable and can be inserted or replaced during operation – a clear advantage for high-availability IT infrastructures.

Technical data

Form factor: QSFP28

Standard: 100GBASE-SR4

Transmission rate: 4 x 25.78 Gb/s (100 Gb/s aggregated)

Fibre type: Multimode (OM3 / OM4)

Range: up to 70 m (OM3), up to 100 m (OM4)

Transmitter: 4x 850 nm VCSEL

Receiver: PIN array

Connection: MPO-12

Electrical interface: CAUI-4

Hot-plug capable: Yes

DDM (digital diagnostics): Yes

Supply voltage: 3.3 V

Power consumption: 2.5 W

Operating temperature: 0 °C to +70 °C

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Compatibility: QSFP28 MSA, IEEE 802.3bm, SFF-8636

Laser class: Class 1

Note on coding:

Our SFP modules are factory-coded – whether for Cisco, Intel or other systems, which may limit the selection. **For maximum compatibility, we now program individually according to customer requirements.** Please contact your sales representative.