

Hotswap transceiver QSFP28 designed for use in transmission devices connected using singlemode optical fiber.



Transceiver QSFP28

standards and certificates:

- ROHS - Directive UE 2011/65/EU
- EMC -Directive UE 2014/30/EU (EN61000-3-2:2014)
- QSFP28 MSA

features:

- Transmit-receive system,
- Dedicated laser transmitter,
- Broadband receiver,
- DDM module enabling measuring and reading basic Performance Monitoring data,
- Compatibility with management system (compatibility with devices incl. Cisco, Juniper, Huawei).

sectors:



technical specifications:

	ER Lite 30/40 km	ER 40 km
Transceiver description	Optical	Optical
Transceiver type	QSFP28	QSFP28
Throughput [Gbit/s]	100	100
Service	100 GbE	100 GbE
Typical reach [km]	30 without FEC 40 with FEC	40
Transmitted wavelengths [nm]	1295,56 1300,05 1304,58 1309,14	1295,56 1300,05 1304,58 1309,14
Transmitted power (per lane) [dBm]	-2,5– 2,9	-2,9– 2,9
Transmitted power (per lane) OMA [dBm]	0,1– 4,5	0,1– 4,5
Receiver type	APD	PIN + SOA
Received wavelengths [nm]	1295,56 1300,05 1304,58 1309,14	1295,56 1300,05 1304,58 1309,14
Receiver sensitivity ¹ (per lane)[dBm]	-18,4	-20,9
Connector type	LC duplex	LC duplex
Operating temperature range [°C]	0 - 70	0 - 70
DDMI	Yes	Yes
Max. Power consumption	5	5

¹Provides BER @ 10⁻¹², without margin