

APPLICATIONS

- 100GBASE-ZR
- High-speed data center interconnect

FEATURES

- Supports transmission up to 80 km on single-mode fiber using coherent technology.
- Hot-swappable QSFP28 connector
- LC Duplex UPC interface for fiber pair configuration
- QSFP28 MSA compliant
- SFF-8636 compliant
- ITU-T C-band tunable DWDM every 100 GHz (48 channels)
- ITU-T C-band tunable DWDM every 50 GHz (96 channels)
- Digital diagnostics interface
- Operating temperature 0 °C – 70 °C
- Power consumption < 6 W

Technical Specifications

Form Factor	QSFP28
Protocol / Data Rate	100 Gigabit Ethernet
Fiber Type	Single-mod
Reach (dB)	22
Reach (km)	80
Wavelength (nm)	DWDM
Laser Type	Tunable DWDM EML
Receiver Type	Coherent
Line Modulation	DP-QPSK
Min. Output Power [dBm]	0
Max. Output Power [dBm]	+4
Receiver Sensitivity [dBm]	-30
Receiver overload threshold [dBm]	+1
DDM	Yes
Connector	LC Duplex
Laser class	1
Operating temperature range	0 °C – +70 °C (standard)
Storage temperature range	-40 °C – +85 °C