MIKROTIK

XQ+31LC02D

QSFP28 module



The MikroTik 100 Gigabit product line keeps growing!

Add this QSFP module for distances up to 2km to your CCR2216 or CRS504 setups and enjoy real speed and ultimate reliability.

This optical module offers four independent full-duplex channels with up to 25 Gbps per channel bandwidth and an aggregate bandwidth of 100 Gbps.

The module has built-in digital diagnostic functions, including optical power monitoring, and will perform well in environments up to 70° C.

It has been designed to meet the harshest conditions, including temperature, humidity, and EMI interference, so we definitely recommend this as a reliable solution for all your 100 Gbps QSFP28 devices.

Specifications

Product code	XQ+31LC02D
Format	QSFP28
Connector	LC
Max data rate	100G
Mode	Single mode
Temperature	0°C .. +70°C
Wavelength	1271, 1291, 1311, 1331 nm
Distance	2 km
Max power consumption	3.5 W

Optical characteristics	**Min.**	**Max.**
Transmitter		
Output optical power (Avg.)	-6.5 dBm	2.5 dBm
Receiver		
Rx sensitivity (Avg.)		-10 dBm
Max input optical power (Avg.)	3.5 dBm	
LOS de-assert(Avg.)		-11.6 dBm
LOS assert (Avg.)	-24 dBm	