MIKROTIK

XQ+31LC10D

QSFP28 module for impressive distances up to 10 km!



The MikroTik 100 Gigabit product line keeps growing!

Add this QSFP module for distances up to 10 kilometers to your CCR2216, CRS504 or CRS518 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 such as optical power, transceiver supply voltage, temperature, laser bias current monitoring, and other key parameter monitoring. These options can be helpful not only to alert the user during abnormal transceiver activity but also if specific customizable operating limits are exceeded. Monitoring allows you to plan ahead, make informed decisions and predict necessary upgrades or maintenance based on the transceiver performance.

Specifications

Product code	XQ+31LC10D
Connector	LC
Data rate	100G
Distance	10km
Format	QSFP28
Mode	SM
Wavelenght	1296, 1300, 1305, 1309 nm
Max power consumption	4.5W(r1) or 3.5W(r2)
Temperature	0°C .. +70°C

Optical characteristics	**Min.**	**Max.**
Transmitter		
Output optical power (Avg.)	-4.3 dBm	4.5 dBm
Receiver		
Rx sensitivity (Avg.)		-8.6 dBm
Max input optical power (Avg.)	4.5 dBm	
LOS de-assert(Avg.)		-12 dBm
LOS assert (Avg.)	-25 dBm	