

The Hyper Photonix HSQ2-100-LR-L4S transceiver module is designed for use in 100 Gigabit Ethernet links on up to 10km of single-mode fiber. It is compliant with the QSFP28 MSA, IEEE 802.3ba 100GBASE-LR4, and IEEE 802.3bm CAUI-4. The digital diagnostics function is available via the I2C interface, as specified by the QSFP28 MSA.

Features

- 4 Independent LAN-WDM channels
- Low Power Consumption <4W
- Wide Operating Temperature(0°C~70°C)
- Maximum link length of 10km via Single Mode Fiber (SMF)
-



Applications

- 100GBASE LR4 100G Ethernet
- High performance computing, data com and sever data links
- High speed access

Specifications

Part Number	HSQ2-100-LR-L4S
Data Rate	100Gbps
Supply Voltage	3.3V
Power Consumption	< 4.0W
Wavelength	1310nm
Case Temperature	0°C to 70°C
Reach	10km