

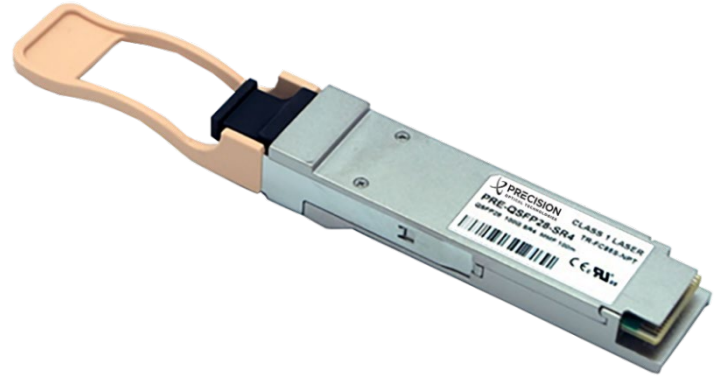
PRE-QSFP-SR4-HP

QSFP, SR4, 850nm, 40G, 300/400m, MMF/MPO12



Product Features:

- HP/Aruba Compatible
- 300m(OM3), 400m(OM4)
- MMF Transmission Medium
- MPO-12 Connector
- Digital Diagnostics Monitoring (DDM)
- C-Temp Rated
- 40Gbps Maximum Data Rate
- <.7W Power Consumption



Product Applications:

- Data Center
- 40GBASE-SR4 Ethernet
- LAN

Standards:

- SFF-8636/8436
- IEEE 802.3/ba
- RoHS6

General Specifications

Parameter	Min	Typical	Max	Unit
Case Operating Temperature (Commercial)	0	-	70	°C
Power Consumption	-	-	.7	W
Power Supply Current	-	-	200	mA
Power Supply Voltage	3.14	3.3	3.46	V
Storage Humidity	0	-	85	%
Storage Temperature	-40	-	85	°C
Transmission Distance (OM4)	-	-	400	m
Data Rate (Total)	-	41.25	-	Gbps
Data Rate (Per Lane)	-	10.3125	11.1	Gbps

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Optical Characteristics: Transmitter

Parameter	Min	Typical	Max	Unit
Center Wavelength	840	850	860	nm
Transmit Power per lane (Avg)	-7.6	-	2.4	dBm
Spectral Width	-	-	0.65	nm
Dispersion Penalty per lane	-	-	3.5	dBm
Extinction Ratio	3	-	-	dB
Optical Return Loss Tolerance	-	-	12	dB
Transmitter OFF Output Power per lane	-	-	-30	dBm

Optical Characteristics: Receiver

Parameter	Min	Typical	Max	Unit
Receiver Wavelength	840	850	860	nm
Rx Power per lane (Avg)	-9.9	-	2.4	dBm
LOS Assert	-30	-	-	dBm
LOS De-Assert	-	-	-12	dBm
LOS Hysteresis	0.5	-	-	dB

Product Ordering Information

Part Number	Description
PRE-QSFP-SR4-HP	QSFP, SR4, 850nm, 40G, 300/400m, MMF/MPO12, C-Temp