



QUANTUM SFP TRANSCEIVER DATA SHEET

OVERVIEW

- To overcome the challenges of diversity in networking to deploy copper and fiber networks, Quantum Networks offer a unique set of high-performance, reliable, and cost-effective Small Form Factor pluggable transceivers.
- Quantum Networks SFP transceivers comply with industry open standards and offer and are tested for interoperability with Quantum Networks Products.



FEATURES

- 1G and 10G speeds.
- Long-distance up to 10KMs.
- Single-mode and Multimode fiber.

BENEFITS

- Hot-swappable input/output gadget that plugs into a SFP/SFP+ port of a Quantum Networks Products. Whereas introducing or supplanting, no need to power down.
- Warranty of three years.

SFP TRANSCEIVER TECHNICAL SPECIFICATION

PARAMETER	QN-UTSFP-LCLX	QN-UTSFP-LCSX	QN-UTSFPP-LCLR	QN-UTSFPP-LCSR
Form Factor	SFP	SFP	SFP+	SFP+
Fiber Mode / SFP Mode	Single-mode	Multimode	Single-mode	Multimode
Transceiver Type	LX	SX	LR	SR
Support Protocol	IEEE802.3z (1G)	IEEE802.3z (1G)	IEEE802.3ae (10G)	IEEE802.3ae (10G)
Wavelength (nm)	1310	850	1310	850
Connector	LC	LC	LC	LC
Maximum Data Rate (mbps)	1000	1000	10,000	10,000
Maximum Cable Distance (mtrs)	10000	220 to 550	10000	OM3 MMF (300mtrs) OM4 MMF (400mtrs)
Digital Optical Monitoring (DOM) Support	Yes	Yes	Yes	Yes
Operating Temperature Range	0-70 Degrees C	0-70 Degrees C	0-70 Degrees C	0-70 Degrees C
On Site OEM Warranty (Year)	3	3	3	3

PART CODE DESCRIPTION

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QN-UTSFP-LCLX	Universal SFP Transceiver for 1G-LX, LC Connector via single-mode fiber (SMF).
QN-UTSFP-LCSX	Universal SFP Transceiver for 1G-SX, LC connector via multimode fiber (MMF).
QN-UTSFPP-LCLR	Universal SFP + Transceiver for 10G-LR, LC Connector via single-mode fiber (SMF).
QN-UTSFPP-LCSR	Universal SFP+ Transceiver for 10G-SR, LC Connector via multimode fiber (MMF).

