

4-port 10 Gigabit XFP Fiber Interface Ethernet Card–LSQ1TGX4SD0

1 Card identifier

The mark LSQ1TGX4SD0 is printed at the upper right corner of the front panel, and is used to identify the card.

2 Specifications

Table 1 LSQ1TGX4SD0 specifications

Item	LSQ1TGX4SD0
Connector	LC
Port quantity	Four 10GBASE-R-XFP Ethernet ports
Interface transmission speed	10 Gbps
XFP module type	See Table 2 .
Power consumption	53 W to 80 W
Applied to	7500 Switch Series

For supported XFP modules, see [Table 2](#).

Table 2 Transceiver module and cable specifications for the LSQ1TGX4SD0

Product Code	Description	Central wavelength (nm)	Fiber diameter (μm)	Multimode fiber modal bandwidth (MHz*km)	Max transmission distance
JD117B	HP X130 10G XFP LC SR Transceiver	850	50/125	2000	300 m (984.25 ft)
				500	82 m (269.03 ft)
				400	66 m (216.54 ft)
				220	33 m (108.27 ft)
				160	26 m (85.3 ft)
JD108B	HP X130 10G XFP LC LR 1310nm Transceiver	1310	9/125	N/A	10 km (6.21 miles)
JD121A	HP X135 10G XFP LC ER Transceiver	1550	9/125	N/A	40 km (24.86 miles)

Product Code	Description	Central wavelength (nm)	Fiber diameter (μm)	Multimode fiber modal bandwidth (MHz*km)	Max transmission distance
JD107A	HP X130 10G XFP LC ZR 1550nm Transceiver	1550	9/125	N/A	80 km (49.71 miles)
JG226A	HP X180 10G XFP LC LH 80km 1538.98nm DWDM Transceiver	1538.98	9/125	N/A	80 km (49.71 miles)
JG227A	HP X180 10G XFP LC LH 80km 1539.77nm DWDM Transceiver	1539.77	9/125	N/A	80 km (49.71 miles)
JG228A	HP X180 10G XFP LC LH 80km 1540.56nm DWDM Transceiver	1540.56	9/125	N/A	80 km (49.71 miles)
JG229A	HP X180 10G XFP LC LH 80km 1542.14nm DWDM Transceiver	1542.14	9/125	N/A	80 km (49.71 miles)
JG230A	HP X180 10G XFP LC LH 80km 1542.94nm DWDM Transceiver	1542.94	9/125	N/A	80 km (49.71 miles)
JG231A	HP X180 10G XFP LC LH 80km 1558.98nm DWDM Transceiver	1558.98	9/125	N/A	80 km (49.71 miles)
JG232A	HP X180 10G XFP LC LH 80km 1559.79nm DWDM Transceiver	1559.79	9/125	N/A	80 km (49.71 miles)
JG233A	HP X180 10G XFP LC LH 80km 1560.61nm DWDM Transceiver	1560.61	9/125	N/A	80 km (49.71 miles)

NOTE:

The 9/125 μm single-mode fibers used by modules JG226A through JG233A should conform to ITU-T G.655, and those used by other modules should conform to ITU-T G.652.

3 Obtaining documentation

For card installation, see the *HP 7500 Switch Series Installation Guide*.

For software upgrade, see the *HP 7500 Switch Series Software Upgrade Guide*.

To find related documents, browse to the Manuals page of the HP Business Support Center website:

<http://www.hp.com/support/manuals>

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