

J4859D Datasheet

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Overview

J4859D is the HPE Aruba 1G SFP LC LX 10km SMF XCVR.

Quick Spec

Table 1 shows the quick spec.

Product name (SKU)	DOM - Digital Optical Monitoring (4x4 part #)	Central wl (nm)	Fiber mode	Fiber diameter (µm)	Modal bandwidth (MHz*km)	Transmission distance
Aruba 1G SFP LC LX 10km SMF XCVR (J4859D)	Yes (1990-4116, 1990-4414, & 1990-4608)	1310	SMF	9/125	N/A	10 km (6.21 miles)
			MMF	50/125	500 (OM2) or 400	550 m (1804.46 ft)
			MMF	62.5/125	500 (OM2)	550 m (1804.46 ft)

Supported Platforms

Table 2 shows the recommended platforms.

Model	Description
J9772A	Aruba 2530 48G PoE+ Switch
J9773A	Aruba 2530 24G PoE+ Switch
J9775A	Aruba 2530 48G Switch
J9776A	Aruba 2530 24G Switch
J9726A	Aruba 2920-24G Switch
J9727A	Aruba 2920 24G POE+ Switch
J9728A	Aruba 2920 48G Switch
J9729A	Aruba 2920 48G POE+ Switch
J9836A	Aruba 2920-48G-POE+ 740W Switch
J9731A	HPE 2920 2-Port 10GbE SFP+ Module
J9732A	HPE 2920 2-port 10GBASE-T Module
J9733A	HPE 2920 2-Port Stacking Module
JL258A	Aruba 2930F 8G PoE+ 2SFP+ Switch
JL259A	Aruba 2930F 24G 4SFP Switch
JL256A	Aruba 2930F 48G PoE+ 4SFP+ Switch
JL557A	Aruba 2930F 48G PoE+ 4SFP 740W Switch
JL558A	Aruba 2930F 48G PoE+ 4SFP+ 740W Switch
JL261A	Aruba 2930F 24G PoE+ 4SFP Switch
JL253A	Aruba 2930F 24G 4SFP+ Switch

JL260A	Aruba 2930F 48G 4SFP Switch
JL262A	Aruba 2930F 48G PoE+ 4SFP Switch
JL255A	Aruba 2930F 24G PoE+ 4SFP+ Switch
JL254A	Aruba 2930F 48G 4SFP+ Switch
JL071A	Aruba 3810M 24G 1-slot Switch
JL075A	Aruba 3810M 16SFP+ 2-slot Switch

Compare to Similar Items

Table 3 shows the comparison.

Product name (SKU)	DOM - Digital Optical Monitoring (4x4 part #)	Central wl (nm)	Fiber mode	Fiber diameter (µm)	Modal bandwidth (MHz*km)	Transmission distance
HPE X121 1G SFP LC SX Transceiver (J4858C) Aruba 1G SFP LC SX 500m MMF XCVR (J4858D)	Yes (1990-4395 & 1990-4415)	850	MMF	50/125	500 (OM2) 400	550 m (1804.46 ft) 500 m (1640.42 ft)
				62.5/125	200 (OM1) 160	275 m (902.23 ft) 220 m (721.78 ft)
HPE X121 1G SFP LC LX Transceiver (J4859C) Aruba 1G SFP LC LX 10km SMF XCVR (J4859D)	Yes (1990-4116, 1990-4414, & 1990-4608)	1310	SMF	9/125	N/A	10 km (6.21 miles)
			MMF	50/125	500 (OM2) or 400	550 m (1804.46 ft)
			MMF	62.5/125	500 (OM2)	550 m (1804.46 ft)
HPE X121 1G SFP LC LH Transceiver (J4860C) Aruba 1G SFP LC LH 70km SMF XCVR (J4860D)	Yes (1990-4363)	1550	SMF	9/125	N/A	70 km (43.49 miles)

Specification

J4859D Specification			
Description	Aruba 1G SFP LC LX 10km SMF XCVR		
DOM - Digital Optical Monitoring (4x4 part #)	Yes (1990-4116, 1990-4414, & 1990-4608)		
Central wl (nm)	1310		
Fiber mode	SMF	MMF	MMF
Fiber diameter (µm)	9/125	50/125	62.5/125
Modal bandwidth (MHz*km)	N/A	500 (OM2) or 400	500 (OM2)
Transmission distance	10 km (6.21 miles)	550 m (1804.46 ft)	550 m (1804.46 ft)
Optical parameters (dBm) Transmit power	-9.5 to -3		

Optical parameters (dBm) Receive power	-20 to -3
Supported Platforms	Aruba 2530 Switches, Aruba 2920 Switches, Aruba 2930F Switches, Aruba 3810M Switches, etc.