

J4858D Datasheet

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Overview

J4858D is an Aruba 1G SFP LC SX 500m OM2 MMF Transceiver.

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 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)

Supported Devices

Table 2 shows the supported devices.

SKU	Description
HPE Aruba 2530 Series	
J9772A	Aruba 2530 48G PoE+ Switch
J9773A	Aruba 2530 24G PoE+ Switch
J9775A	Aruba 2530 48G Switch
J9776A	Aruba 2530 24G Switch
HPE Aruba 2920 Series	
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
HPE Aruba 2930F layer 3 Switch	
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
HPE Aruba 3810M layer 3 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

J4858D Specification	
Product name (SKU)	Aruba 1G SFP LC SX 500m MMF XCVR (J4858D)
DOM - Digital Optical Monitoring (4x4 part #)	Yes (1990-4395 & 1990-4415)
Central wl (nm)	850
Fiber mode	MMF
Fiber diameter (µm) Modal bandwidth	50/125 500 (OM2), 400 550 m (1804.46 ft), 500 m (1640.42 ft)

(MHz*km) Transmission distance	62.5/125 200 (OM1), 160 275 m (902.23 ft), 220 m (721.78 ft)
Optical parameters (dBm) Transmit power	-9.5 to 0
Optical parameters (dBm) Receive power	-17 to -3
Product dimensions (H x W x D)	0.6 x 2.2 x 0.5 in
Weight	0.1 lb