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HPE Networking Transceiver Options QuickSpecs

Enable high-speed, reliable network connectivity.

HPE Networking Transceiver Options are designed to provide scalable, high-speed, and reliable connectivity for modern data centers, cloud computing, and AI/HPC workloads. These solutions are offered in various form factors, from the SFP (+/28/56) family, QSFP (28/56/112/-DD) family, and OSFP family, and support data rates ranging from 1 Gbps to 400 Gbps and above, ensuring flexible, low-latency, and efficient network performance.

Models

400G Transceivers and Cables

Description	SKU
HPE 400GbE QSFP-DD MPO16 SR8 APC 100m Transceiver	R8M63A
HPE 400GbE QSFP-DD MPO12 VR4 APC 50m Transceiver	S6B51A
HPE 400Gb QSFP112 MPO12 VR4 APC 50m Transceiver	S6B52A
HPE 400Gb OSFP MPO12 VR4 APC 50m Transceiver	S6B53A
HPE 400Gb QSFP112 MPO12 DR4 APC 500m Transceiver	S6B54A
HPE 400Gb OSFP MPO12 DR4 APC 500m Transceiver	S6B55A
HPE 400GbE QSFP-DD/OSFP 5m Active Optical Cable	S6B59A
HPE 400GbE QSFP-DD/OSFP 15m Active Optical Cable	S6B60A
HPE 400GbE QSFP-DD/QSFP112 5m Active Optical Cable	S6B61A
HPE 400GbE QSFP-DD/QSFP112 15m Active Optical Cable	S6B62A
HPE 400GbE QSFP-DD to QSFP-DD 0.5m Direct Attach Copper Cable	R8M44A
HPE 400GbE QSFP-DD to QSFP-DD 1m Direct Attach Copper Cable	R8M45A
HPE 400GbE QSFP-DD to QSFP-DD 2m Direct Attach Copper Cable	R8M46A
HPE 400GbE QSFP-DD to 2xQSFP56 1m Direct Attach Copper Cable	R8M51A
HPE 400GbE QSFP-DD to 2xQSFP56 2m Direct Attach Copper Cable	R8M52A
HPE 400GbE QSFP-DD to 4xQSFP56 1m Direct Attach Copper Cable	R8M55A
HPE 400GbE QSFP-DD to 4xQSFP56 2m Direct Attach Copper Cable	R8M56A
HPE 400GbE QSFP-DD to 8xSFP56 2m Direct Attach Copper Cable	R8M53A
HPE 400GbE QSFP-DD to 8xSFP56 2.5m Direct Attach Copper Cable	R8M54A
HPE 400GbE QSFP-DD to QSFP-DD 5m Active Optical Cable	R8M47A
HPE 400GbE QSFP-DD to QSFP-DD 15m Active Optical Cable	R8M48A
HPE 400GbE QSFP-DD to 2xQSFP56 5m Active Optical Cable	R8M49B
HPE 400GbE QSFP-DD to 2xQSFP56 15m Active Optical Cable	R8M50B
HPE 400GbE QSFP-DD MPO12 DR4 APC 500m Transceiver	R8M60B
HPE 400GbE QSFP-DD LC FR4 2km Transceiver	R8M64A
HPE 400GbE QSFP-DD/OSFP 5m Active Optical Cable	S6B59A
HPE 400GbE QSFP-DD/OSFP 15m Active Optical Cable	S6B60A

HPC AI Spectrum-X/Ethernet only Transceivers

Description	SKU
HPE Ethernet 2x400Gb OSFP 2-port Multi-mode 50m Finned-Top Transceiver	P89421-B21
HPE Ethernet 1x400Gb OSFP 1-port Multi-mode 50m NIC-side Flat-Top Transceiver	P89422-B21
HPE Ethernet 1x400Gb QSFP112 1-port Multi-mode 50m NIC-side Flat-Top Transceiver	P89423-B21

200G Transceivers and Cables

Description	SKU
HPE 200Gb QSFP56 MPO12 VR2 APC 50m Transceiver	S6B56A
HPE 200Gb QSFP56 to QSFP56 0.5m Direct Attach Copper Cable	R5Z76A
HPE 200Gb QSFP56 to QSFP56 1m Direct Attach Copper Cable	R5Z77A
HPE 200Gb QSFP56 to QSFP56 2m Direct Attach Copper Cable	R5Z78A
HPE 200Gb QSFP56 to QSFP56 2.5m Direct Attach Copper Cable	R5Z79A
HPE 200Gb QSFP56 to QSFP56 5m Active Optical Cable	R5Z80A
HPE 200Gb QSFP56 to QSFP56 10m Active Optical Cable	R5Z81A
HPE 200Gb QSFP56 to QSFP56 15m Active Optical Cable	R5Z82A
HPE 200Gb QSFP56 MPO SR4 100m Transceiver	R5Z83A
HPE 200Gb QSFP56 MPO12 VR2 APC 50m Transceiver	S6B56A
HPE 200Gb QSFP56 to 2x100Gb QSFP56 3m Active Optical Cable	R6F24A
HPE 200Gb QSFP56 to 2x100Gb QSFP56 5m Active Optical Cable	R6F25A
HPE 200Gb QSFP56 to 2x100Gb QSFP56 15m Active Optical Cable	R6F26A
HPE 200Gb QSFP56 to 4x50/25Gb SFP56 2.5m Direct Attach Copper Cable	R6F27A
HPE 200GbE QSFP56 to 2xQSFP56 2m Direct Attach Copper Cable	R8M57A
HPE 200GbE QSFP56 to 2xQSFP56 2.5m Direct Attach Copper Cable	R8M58A
HPE 200Gb QSFP56 LC CWDM4 FR4 Transceiver	R5Z84A

100G Transceivers and Cables

Description	SKU
HPE 100GbE QSFP28 SR4 100m Transceiver	Q2F19A
HPE Storage 100GbE QSFP28 SR4 Extended Temperature Pull Tab Transceiver	S2T35A
HPE 100Gb QSFP28 LC SWDM4 Multi-mode 100m Transceiver	R0R40A
HPE 100GbE QSFP28 500m 1310mm PSM4 Transceiver	Q8J73A
HPE 100GbE QSFP28 to QSFP28 5m Active Optical Cable	Q9S71A
HPE 100GbE QSFP28 to 4x25GbE SFP28 1m Direct Attach Copper Cable	Q9S72A
HPE 100GbE QSFP28 LC DR1 500m 1-pack Transceiver	R8M61A
HPE 100Gb QSFP28 to QSFP28 0.5m Direct Attach Copper Cable	R8M59A
HPE 100GbE QSFP28 2m Extended Temperature Active Optical Cable	S6B63A

Description	SKU
HPE Storage 100GbE QSFP28 to QSFP28 5m Extended Temperature Active Optical Cable	S2T38A
HPE Storage 100GbE QSFP28 to QSFP28 10m Extended Temperature Active Optical Cable	S2T39A
HPE Storage 100GbE QSFP28 to QSFP28 15m Extended Temperature Active Optical Cable	S2T40A
HPE Storage 100GbE QSFP28 to QSFP28 25m Extended Temperature Active Optical Cable	S2T41A

64G Transceivers

Description	SKU
HPE 64Gb SFP56 Short Wave 100m 1-pack Transceiver	R8F87A
HPE Storage 64Gb SFP56 Short Wave 1-pack Extended Temperature Pull Tab Transceiver	S2T34A

50G Transceivers

Description	SKU
HPE 25/50GbE SFP56 SR 100m 1-pack Transceiver	R8M65A

40G Transceivers and Cables

Description	SKU
HPE 40GbE QSFP+ to 4x10GbE SFP+ 5m Active Optical Cable	Q9S66A

32G Transceivers

Description	SKU
HPE 32Gb SFP28 Short Wave Commercial Temperature Transceiver	P9H30A
HPE 32Gb SFP28 Short Wave 1-pack Pull Tab Optical Transceiver	Q2P62A
HPE 32Gb SFP28 Long Wave 10km Transceiver	R4D50A

25G Transceivers and Cables

Description	SKU
HPE 25Gb SFP28 Short Wave Extended Temperature 1-pack Pull Tab Optical Transceiver	Q2P64B
HPE 25Gb SFP28 SR 30m Transceiver	R0R42A
HPE 25GbE SFP28 to SFP28 3m Smart Active Optical Cable	Q9S67A
HPE 25GbE SFP28 to SFP28 5m Smart Active Optical Cable	Q9S68A
HPE 25GbE SFP28 to SFP28 10m Smart Active Optical Cable	Q9S69A
HPE 25GbE SFP28 to SFP28 15m Smart Active Optical Cable	Q9S70A
HPE 25/50GbE SFP56 SR 100m 1-pack Transceiver	R8M65A
HPE 25GbE SFP28 LR 10km 1-pack Extended Temperature Pull Tab Transceiver	S6B58A
HPE 25Gb SFP28 to SFP28 0.5m Direct Attach Copper Cable	R4G18A
HPE 25Gb SFP28 to SFP28 1m Direct Attach Copper Cable	R4G19A

16G Transceivers

Description	SKU
HPE 16Gb SFP+ Short Wave 1-pack Industrial Extended Transceiver	E7Y09A
HPE 16Gb SFP+ Short Wave 1-pack Commercial Transceiver	E7Y10A
HPE 16Gb SFP+ Short Wave 1-pack Pull Tab Optical Transceiver	Q2P63A
HPE 16Gb FC/10GbE 100m SR SFP+ Transceiver	H6Z42A

10G Transceivers

Description	SKU
HPE 10GBASE-T SFP+ RJ45 30m 1-pack Transceiver	R0R41B
HPE 10GbE SFP+ SR Multi-mode 300m Transceiver	Q6M30A
HPE 10GbE SFP+ LR 10km 1-pack Extended Temperature Pull Tab Transceiver	S6B57A
HPE 10Gb SFP+ Short Wave 1-pack Pull Tab Optical Transceiver	Q2P65A

8G Transceivers

Description	SKU
HPE 8Gb Short Wave Fibre Channel SFP+ 1 Pack Transceiver	AJ718A

Service and Support

For the most up-to-date information on HPE Services, please refer to the HPE Services - Supplemental QuickSpecs, which provides a comprehensive and regularly updated overview of available services.

Technical Specifications

Table 1. HPE Transceivers, Active Optical Cables (AOC) and Direct Attached Cable (DAC)

Category	Product Number	Product description	Type	Power (W)	Temp (°C)	TX Power (dbm)		RX Power (dbm)		Wavelength(nm)	Media connector	Speed (Gb/s)	Length (m)
				Max	Max	Min	Max	Min	Max				
400GbE	S6B51A	HPE 400GbE QSFP-DD VR4 APC 50m XCVR	XCVR	8 W	70	-4.6	4	-6.3	4	850	MM MPO12 APC	4x100 PAM4	50
400GbE	S6B52A	HPE 400G QSFP112 VR4 50m APC XCVR	XCVR	10 W	70	-4.6	4	-6.3	4	850	MM MPO12 APC	4x100 PAM4	50
400GbE	S6B53A	HPE 400G OSFP VR4 50m APC XCVR	XCVR	9 W	70	-4.6	4	-6.3	4	850	MM MPO12 APC	4x100 PAM4	50
400GbE	S6B54A	HPE 400G QSFP112 DR4 500m APC XCVR	XCVR	9 W	70	-2.9	4	-5.9	4	1310	SM MPO12 APC	4x100 PAM4	500
400GbE	S6B55A	HPE 400G OSFP DR4 500m APC XCVR	XCVR	9 W	70	-2.9	4	-5.9	4	1310	SM MPO12 APC	4x100 PAM4	500
400GbE	S6B59A	HPE 400G QSFP-DD/OSFP 5m AOC	AOC	8 W	70	-	-	-	-	850	MM	4x100 PAM4	5
400GbE	S6B60A	HPE 400G QSFP-DD/OSFP 15m AOC	AOC	8 W	70	-	-	-	-	850	MM	4x100 PAM4	15
400GbE	S6B61A	HPE 400G QSFP-DD/QSFP112 5m AOC	AOC	10 W	70	-	-	-	-	850	MM	4x100 PAM4	5
400GbE	S6B62A	HPE 400G QSFP-DD/QSFP112 15m AOC	AOC	10 W	70	-	-	-	-	850	MM	4x100 PAM4	15
400GbE	R8M44A	HPE 400GbE QSFP-DD/QSFP-DD 0.5m DAC	DAC	0.1	70	-	-	-	-	-	Copper	8x50 PAM4	0.5[8]
400GbE	R8M45A	HPE 400GbE QSFP-DD/QSFP-DD 1m DAC	DAC	0.1	70	-	-	-	-	-	Copper	8x50 PAM4	1[8]
400GbE	R8M46A	HPE 400GbE QSFP-DD/QSFP-DD 2m DAC	DAC	0.1	70	-	-	-	-	-	Copper	8x50 PAM4	2[8]
400GbE	R8M51A	HPE 400GbE QSFP-DD/2xQSFP56 1m DAC	DAC-S2[10]	0.1	70	-	-	-	-	-	Copper	8x50 PAM4	1[8]
400GbE	R8M52A	HPE 400GbE QSFP-DD/2xQSFP56 2m DAC	DAC-S2	0.1	70	-	-	-	-	-	Copper	8x50 PAM4	2[8]
400GbE	R8M53A	HPE 400GbE QSFP-DD/8xSFP56 2m DAC	DAC-S8	0.1	70	-	-	-	-	-	Copper	8x50 PAM4	2[8]
400GbE	R8M54A	HPE 400GbE QSFP-DD/8xSFP56 2.5m DAC	DAC-S8	0.1	70	-	-	-	-	-	Copper	8x50 PAM4	2.5[8]
400GbE	R8M55A	HPE 400GbE QSFP-DD/4xQSFP28 1m DAC	DAC-S4	0.1	70	-	-	-	-	-	Copper	8x50 PAM4	1[8]
400GbE	R8M56A	HPE 400GbE QSFP-DD/4xQSFP28 2m DAC	DAC-S4	0.1	70	-	-	-	-	-	Copper	8x50 PAM4	2[8]
400GbE	R8M47A	HPE 400GbE QSFP-DD/QSFP-DD 5m AOC	AOC	8.5	70	-	-	-	-	850	MM	8x50 PAM4	5
400GbE	R8M48A	HPE 400GbE QSFP-DD/QSFP-DD 15m AOC	AOC	8.5	70	-	-	-	-	850	MM	8x50 PAM4	15
400GbE	R8M49B	HPE 400GbE QSFP-DD/2xQSFP56 5m AOC	AOC-S2	10/5	70	-	-	-	-	850	MM	8x50 PAM4	5

Category	Product Number	Product description	Type	Power (W)	Temp (°C)	TX Power (dbm)		RX Power (dbm)		Wavelength(nm)	Media connector	Speed (Gb/s)	Length (m)
				Max	Max	Min	Max	Min	Max				
400GbE	R8M50B	HPE 400GbE QSFP-DD/2xQSFP56 15m AOC	AOC-S2	10/5	70	-	-	-	-	850	MM	8x50 PAM4	15
400GbE	R8M60A	HPE 400GbE QSFP-DD MPO DR4 500m XCVR	XCVR	12	70	-2.9	4	-5.9	4	1310	SM MPO12 APC	4x100 PAM4	500[3]
400GbE	R8M62A	HPE 400GbE QSFP-DD MPO SR4.2 100m XCVR	XCVR	9	70	-6.2	4	-8.4	4	850, 930	MM MPO12	8x50 PAM4	100/150[9]
400GbE	R8M63A	HPE 400GBE QSFP-DD MPO SR8 100M XCVR	XCVR	10	70	-6.5	4	-8.4	4	850	MM MPO16 APC	8x50 PAM4	100
400GbE	R8M64A	HPE 400GbE QSFP-DD LC FR4 2km XCVR	XCVR	12	70	-3.2	4.4	-7.2	4.4	1310	SM Duplex LC	4x100 PAM4	2000[3]

200GbE	S6B56A	HPE 200G QSFP56 VR2 50m APC XCVR	XCVR	5	70	-4.6	4	-6.3	4	850	MM MPO12 APC	2x100 PAM4	50
200GbE	R8M57A	HPE 200GbE QSFP56/2xQSFP56 2m DAC	DAC-S2	0.1	70	-	-	-	-	-	Copper	4x50 PAM4	2[8]
200GbE	R8M58A	HPE 200GbE QSFP56/2xQSFP56 2.5m DAC	DAC-S2	0.1	70	-	-	-	-	-	Copper	4x50 PAM4	2.5[8]
200GbE	R5Z76A	HPE 200Gb QSFP56/QSFP56 0.5m DAC	DAC	0.1	70	-	-	-	-	-	Copper	4x50 PAM4	0.5[8]
200GbE	R5Z77A	HPE 200Gb QSFP56/QSFP56 1m DAC	DAC	0.1	70	-	-	-	-	-	Copper	4x50 PAM4	1[8]
200GbE	R5Z78A	HPE 200Gb QSFP56/QSFP56 2m DAC	DAC	0.1	70	-	-	-	-	-	Copper	4x50 PAM4	2[8]
200GbE	R5Z79A	HPE 200Gb QSFP56/QSFP56 2.5m DAC	DAC	0.1	70	-	-	-	-	-	Copper	4x50 PAM4	2.5[8]
200GbE	R6F27A	HPE 200Gb QSFP56/4x50/25Gb SFP56 2.5m DAC	DAC-S4	0.1	70	-	-	-	-	-	Copper	4x50 PAM4	2.5[8]
200GbE	R5Z80A	HPE 200Gb QSFP56/QSFP56 5m AOC	AOC	5	70	-	-	-	-	850	MM	4x50 PAM4	5
200GbE	R5Z81A	HPE 200Gb QSFP56/QSFP56 10m AOC	AOC	5	70	-	-	-	-	850	MM	4x50 PAM4	10
200GbE	R5Z82A	HPE 200Gb QSFP56/QSFP56 15m AOC	AOC	5	70	-	-	-	-	850	MM	4x50 PAM4	15
200GbE	R6F24A	HPE 200Gb QSFP56/2x100Gb QSFP56 3m AOC	AOC-S2	5/3	70	-	-	-	-	850	MM	4x50 PAM4	3
200GbE	R6F25A	HPE 200Gb QSFP56/2x100Gb QSFP56 5m AOC	AOC-S2	5/3	70	-	-	-	-	850	MM	4x50 PAM4	5
200GbE	R6F26A	HPE 200Gb QSFP56/2x100Gb QSFP56 15m AOC	AOC-S2	5/3	70	-	-	-	-	850	MM	4x50 PAM4	15
200GbE	R5Z83A	HPE 200Gb QSFP56 MPO SR4 100m XCVR	XCVR	4.5	70	-6.5	4	-8.4	4	850	MM MPO12	4x50 PAM4	100
200GbE	R5Z84A	HPE 200Gb QSFP56 LC CWDM4 FR4 XCVR	XCVR	5.5	70	-4.2	4.7	-8.2	4.7	1310	SM Duplex LC	4x50 PAM4	2000[3]
100GbE	R8M59A	HPE 100Gb QSFP28 to QSFP28 0.5m DAC	DAC	0.1	70	-	-	-	-	-	Copper	4x25 NRZ	0.5[8]
100GbE	Q9S72A	HPE 100GbE QSFP28 to 4 25GbE SFP28 1m DAC	DAC-S4	0.1	70	-	-	-	-	-	Copper	4x25 NRZ	1
100GbE	Q9S71A	HPE 100GbE QSFP28 to QSFP28 5m AOC	AOC	2.5	70	-	-	-	-	850	MM	4x25 NRZ	5

Category	Product Number	Product description	Type	Power (W)	Temp (°C)	TX Power (dbm)		RX Power (dbm)		Wavelength(nm)	Media connector	Speed (Gb/s)	Length (m)
				Max	Max	Min	Max	Min	Max				
100GbE	Q2F19A	HPE 100GbE QSFP28 SR4 100m XCVR	XCVR	2.5	70	-2	2.4	-6	2.4	850	MM MPO12	4x25 NRZ	100
100GbE	R8M61A	HPE 100GbE QSFP28 LC DR1 500m 1pk XCVR	XCVR	4.5	70	-2.9	4	-5.9	4	1310	SM Duplex LC	103.1 PAM4	500[3]
100GbE	R0R40A	HPE 100Gb QSFP28 LC SWDM4 100m XCVR	XCVR	3.5	70	-5.5	2.4	-9.5	3.4	850-940	MM Duplex LC	4x25 NRZ	100
100GbE	S2T35A	HPE 100GbE QSFP28 SR4 E-Temp PT XCVR	XCVR	2.5	85	-2	2.4	-6	2.4	850	MM MPO12	4x25 NRZ	100
100GbE	S2T38A	HPE 100G QSFP28 5m E-Temp AOC	AOC	2.5	85	-	-	-	-	850	MM	4x25 NRZ	5
100GbE	S2T39A	HPE 100G QSFP28 10m E-Temp AOC	AOC	2.5	85	-	-	-	-	850	MM	4x25 NRZ	10
100GbE	S2T40A	HPE 100G QSFP28 15m E-Temp AOC	AOC	2.5	85	-	-	-	-	850	MM	4x25 NRZ	15
100GbE	S2T41A	HPE 100G QSFP28 25m E-Temp AOC	AOC	2.5	85	-	-	-	-	850	MM	4x25 NRZ	25
40GbE	Q7F11A	HPE 40GbE QSFP28 SR4 100m XCVR	XCVR	1.5	70	-7.6	2.4	-9.5	2.4	850	MM MPO12	4x10.3 NRZ	100
40GbE	Q9S66A	HPE 40GbE QSFP+ to 4x10GbE SFP+ 5m AOC	AOC-S4	1.5	70	-7.6	2.4	-9.5	2.4	850	MM	4x10.3 NRZ	5
64Gb	R8F87A	HPE 64Gb SFP56 SW 100m 1pk XCVR	XCVR	2	70	-6.2	2	-10.2	2	850	MM Duplex LC	57.8 PAM4	70/100
64Gb	S2T34A	HPE 64G SFP56 SW E-Temp 1pk PT XCVR	XCVR	2	85	-6.2	2	-10.2	2	850	MM Duplex LC	57.8 PAM4	100
50GbE	R8M65A	HPE 25/50GbE SFP56 SR 100m 1pk XCVR	XCVR	2	70	-6.0	4	-8.4	4	850	MM Duplex LC	53.12 PAM4	70/100
32Gb[5]	P9H30A	HPE 32Gb SFP28 SW 1-pack Com Temp XCVR	XCVR	1	70	-6.2	2	-10.2	2	850	MM Duplex LC	28.05 NRZ	70/100[4]

32Gb[5]	Q2P62A	HPE 32Gb SFP28 SW E Temp 1-pack PT XCVR	XCVR	1	85	-6.2	2	-10.2	2	850	MM Duplex LC	28.05 NRZ	70/100[4]
32Gb[5]	R4D50A	HPE 32GB SFP28 LW 10km 1-PACK XCVR	XCVR	1	70	-5.0	2	-11.4	2	1310	SM Duplex LC	28.05 NRZ	10000[3]
25GbE	Q2P64B	HPE 25Gb SFP28 SW E Temp 1-pack PT XCVR	XCVR	1	85	-8.4	2.4	-10.3	2.4	850	MM Duplex LC	25.78 NRZ	100
25GbE	R0R42A	HPE 25Gb SFP28 SR 30m Transceiver, FEC free	XCVR	1	70	-8.4	2.4	-10.3	2.4	850	MM Duplex LC	25.78 NRZ	30
25GbE	Q9S67A	HPE 25GbE SFP28 to SFP28 3m Smart AOC	AOC	1	70	-	-	-	-	850	MM	25.78 NRZ	3
25GbE	Q9S68A	HPE 25GbE SFP28 to SFP28 5m Smart AOC	AOC	1	70	-	-	-	-	850	MM	25.78 NRZ	5
25GbE	Q9S69A	HPE 25GbE SFP28 to SFP28 10m Smart AOC	AOC	1	70	-	-	-	-	850	MM	25.78 NRZ	10
25GbE	Q9S70A	HPE 25GbE SFP28 to SFP28 15m Smart AOC	AOC	1	70	-	-	-	-	850	MM	25.78 NRZ	15
25GbE	R4G18A	HPE 25Gb SFP28/SFP28 0.5m DAC	DAC	0.1	70	-	-	-	-	-	Copper	25.78 NRZ	0.5
25GbE	R4G19A	HPE 25Gb SFP28/SFP28 1m DAC	DAC	0.1	70	-	-	-	-	-	Copper	25.78 NRZ	1
25GbE	S6B58A	HPE 25G SFP28 LR 10km 1pk E-Temp PT XCVR	XCVR	1	85	-4.3	4.5	-10.6	4.5	1310	SM Duplex LC	25.78 NRZ	10000[3]

Category	Product Number	Product description	Type	Power (W)	Temp (°C)	TX Power (dbm)		RX Power (dbm)		Wavelength(nm)	Media connector	Speed (Gb/s)	Length (m)
				Max	Max	Min	Max	Min	Max				
16Gb	E7Y09A	HPE 16Gb SW Extended Temp SFP+ Transceiver	XCVR	1	85	-7.8	0	-10	0	850	MM Duplex LC	14.025 NRZ	100
16Gb	E7Y10A	HPE 16Gb SW C Temp (0-70 C) SFP+ Transceiver	XCVR	1	70	-7.8	0	-10	0	850	MM Duplex LC	14.025 NRZ	100
16Gb	Q2P63A	HPE 16Gb SFP+ SW E Temp 1-pack PT XCVR	XCVR	1	85	-7.8	0	-10	0	850	MM Duplex LC	14.025 NRZ	100
16Gb	H6Z42A	HPE 16Gb FC/10GbE 100m SFP+ Transceiver	XCVR	1	70	-7.8	0	-10	0	850	MM Duplex LC	14.025 NRZ	100
16Gb	R4D49A	HPE 16Gb SFP+ LW 10km XCVR	XCVR	1	70	-5	2	-12	2	1310	SM Duplex LC	14.025 NRZ	10000
10GbE	Q6M30A	HPE 10GbE SFP+ SR 300m XCVR	XCVR	1	70	-7.3	-1	-10	-1	850	MM Duplex LC	10.3[6] NRZ	300
10GbE	R0R41B	HPE 10GBASE-T SFP+ RJ45 30m Transceiver	XCVR	1.5	70	-	-	-	-	-	Copper	10.3[7] NRZ	30
10GbE	Q2P65A	HPE 10Gb SFP+ SW E Temp 1-pack PT XCVR	XCVR	1	85	-7.3	-1	-10	-1	850	MM Duplex LC	10.3[6] NRZ	300
10GbE	S6B57A	HPE 10G SFP+ LR 10km 1pk E-Temp PT XCVR	XCVR	1	85	-8.2	0.5	-14	0.5	1310	SM Duplex LC	10.3 NRZ	10000[3]
8Gb[2]	AJ718A	HPE 8Gb SW SFP+ Transceiver	XCVR	1	85	-8.2	0	-11	0	850	MM Duplex LC	8.5 NRZ	150

Notes:

- [1]The 16G transceivers are multi-rate and support both 8G and 4G data rates.
- [2]The 8G transceivers are multi-rate and support both 4G and 2G data rates.
- [3]Single mode fiber.
- [4]OM4 fiber (m)
- [5]The 32G transceivers are multi-rate and support both 16G and 8G data rates.
- [6]The 10GbE transceivers are multi-rate and support both 10G and 1G data rates.
- [7]The 10GbE copper DAC transceivers are multi-rate and support from 10Mbs to 10GbE data rates
- [8]DAC copper cable length
- [9]OM5 fiber (m)
- [10]DAC-S# is the splitter cable, it is breakout to a number of lanes

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Transceiver dimensions are listed below unless otherwise specified. These dimensions ensure compatibility with high-density networking equipment, such as switches and adapter cards.

Types	Width, height and length	Notes
SFP, SFP+, SFP28, SFP56	13.9.x 8.5 x 56.5	With pull tab is around 120 mm long

QSFP, QSFP+, QSFP28, QSFP56	18.3 x 8.5 x 72.4	With pull tab is around 120 mm long
QSFP112 type 2	18.3 x 8.5 x 87.4	With pull tab is around 120 mm long
QSFP-DD type 1	18.3 x 8.5 x 78.3	with pull tab is around 127 mm
QSFP-DD type 2	18.3 x 8.5 x 93.4	with pull tab is around 127 mm
OSFP RHS type 1	22.6 x 9.5 x 100.4 (RHS)	Riding Heat Sink (RHS) with pull tab > 140 mm long
OSFP RHS type 2	22.6 x 9.5 x 116.4 (RHS)	Riding Heat Sink (RHS) with pull tab > 140 mm long
OSFP IHS type 1	22.6 x 13.1 x 100.4 (IHS)	Integrated Heat Sink (IHS) with pull tab > 140 mm long
OSFP IHS type 2	22.6 x 13.1 x 116.4 (IHS)	Integrated Heat Sink (IHS) with pull tab > 140 mm long

HPE 400Gb QSFP-DD MPO SR8 100m XCVR (R8M63A)

A 400-Gigabit transceiver in QSFP-DD form-factor that supports the 8x50-Gigabit SR8 standard, providing 400-Gigabit connectivity up to 100m with Angled MPO16 connector with multi-mode fiber. Each channel/fiber operates at signaling rates up to 26.56GBd.

HPE PN#	R8M63A
Marketing description	HPE 400GbE QSFP-DD MPO SR8 100m APC XCVR
Speeds	400Gbs
Form factor	QSFP-DD
Technology	SR8
Media	MMF
OM3 MMF Distance (m)	70
OM4 MMF Distance (m)	100
Wavelength	850
Max temperature (°C)	70
Connector	MPO16 APC
Latching	Pull tab
MSA compliance	QSFP-DD MSA, QSFP-DD Hardware Specification. Common Management Interface Specification (CMIS4.0)
Breakout capable	Yes, 2x200G QSFP56 SR4 (R5Z83A) 8x50G SFP56 (R8M65A)
Aggregation capable	No.
Transmitter power (dbm)	-6.5 to 4 dbm
Receiver power (dbm)	-8.4 to 4 dbm
Receiver sensitivity (dbm)	Max (-6.5, SECQ-7.9)
Power consumption max (W)	10 W
Number of Host lane	8
Host lane speed per lane	26.56GBs PAM4
HPE PN#	R8M63A
Number of media lane	8
Media lane speed per lane	26.56GBs PAM4
Host compliance	400GAUI-8 C2M
Media compliance	400GBASE-SR8
Dimension (mm)	18.3 x 8.5 x 93.4
Weight (g)	129
Supported Cables	HPE Premier Flex MPO16/MPO16 APC Multi-mode OM4 Fiber Cable for direct connect – R4D51A 2m – R4D52A 5m – R4D53A 10m – R4D54A 15m – R4D55A 30m HPE Premier Flex MPO16 APC to 2xMPO8 OM4 Cable for 2x200G Breakout application – S1H57A 5m – S1H58A 10m HPE Premier Flex MPO16 APC to 4xMPO4 OM4 Cable for 4x100G Breakout application – S2T36A 5m – S2T37A 10m

	HPE Premier Flex MPO16 APC to 8xLC OM4 Cable for 8x50G Breakout application – R4D56A 5m – R4D57A 10m – R4D58A 15m – R4D59A 30m

HPE 400GbE QSFP-DD VR4 APC 50m XCVR (S6B51A)

A 400-Gigabit transceiver in QSFP-DD form-factor that supports the 400-Gigabit VR4 standard, The transceiver operates over multi-mode ribbon fiber with Angled MPO12 connector, up to 50m link. Each channel/fiber operates at signaling rates up to 53.12GBd.

HPE PN#	S6B51A
Marketing description	HPE 400GbE QSFP-DD VR4 APC 50m XCVR
Speeds	400Gbs
Form factor	QSFP-DD
Technology	VR4
Media	MMF
OM3 MMF Distance (m)	30
OM4 MMF Distance (m)	50
Wavelength (nm)	850
Max temperature (°C)	70
Connector	MPO12 APC
HPE PN#	S6B51A
Latching	pull tab
Breakout capable	Yes. to 2x200G QSFP56 VR2 (S6B56A)
Aggregation capable	Yes. Supported interface: 800GBASE-VR8
MSA compliance	QSFP-DD MSA, QSFP-DD Hardware Specification. Common Management Interface Specification (CMIS4.0)
Transmitter power (dbm)	-4.6 to 4 dbm
Receiver power (dbm)	-6.3 to 4 dbm
Receiver sensitivity (dbm)	-6.2 + TECQ
Power consumption (W)	8 W
Number of host lane	8
Host lane speed per lane	26.56GBs PAM4
Number of media lane	4
Media lane speed per lane	53.12GBs PAM4
Host compliance	400GAUI-8 C2M
Media compliance	400GBASE-VR4
Dimension (mm)	18.3 x 8.5 x 93.4
Weight (g)	125
Supported Cables	HPE Premier Flex MPO8/MPO8 APC OM4 Fiber Cable for direct connect and aggregation connect (2pc) – S6B64A 1m – S6B65A 2m – S6B66A 5m – S6B67A 15m – S6B68A 30m – S6B69A 50m HPE Premier Flex MPO8 APC to 2xMPO4 APC OM4 cable for 2x200G Breakout application – S6B74A 5m – S6B75A 15m

HPE 400G QSFP112 VR4 50m APC XCVR (S6B52A)

A 400-Gigabit transceiver in QSFP112 form-factor that supports the 400-Gigabit VR4 standard, The transceiver operates over multi-mode ribbon fiber with angled MPO12 connector, up to 50m link. Each channel/fiber operates at signaling rates up to 53.12GBd.

HPE PN#	S6B52A
Marketing description	HPE 400G QSFP112 VR4 50m APC XCVR
Speeds	400Gbs
Form factor	QSFP112
Technology	VR4
Media	MMF
OM3 MMF Distance (m)	30
OM4 MMF Distance (m)	50
Wavelength (nm)	850
Max temperature (°C)	70
Connector	MPO12 APC
Latching	pull tab
Breakout capable	Yes. to 2x200G QSFP56 VR2 (S6B56A)
Aggregation capable	Yes. Supported interface: 800GBASE-VR8
MSA compliance	QSFP112 MSA, QUAD SMALL FORM FACTOR PLUGGABLE MODULE 112 Common Management Interface Specification (CMIS4.0)
Transmitter power (dbm)	-4.6 to 4 dbm
Receiver power (dbm)	-6.3 to 4 dbm
Receiver sensitivity (dbm)	-6.2 + TECQ
Power consumption (W)	10 W
Number of host lane	4
Host lane speed per lane	53.12GBs PAM4
Number of media lane	4
Media lane speed per lane	53.12GBs PAM4
Host compliance	400GAUI-4-S C2M
Media compliance	400GBASE-VR4
Dimension (mm)	18.3 x 8.5 x 87.4
Weight (g)	129
Supported Cables	HPE Premier Flex MPO8/MPO8 APC OM4 Fiber Cable for direct connect and aggregation connect (2pc) – S6B64A 1m – S6B65A 2m – S6B66A 5m – S6B67A 15m – S6B68A 30m – S6B69A 50m

HPE PN#	S6B52A
Supported Cables	HPE Premier Flex MPO8 APC to 2xMPO4 APC OM4 cable for 2x200G Breakout application – S6B74A 5m – S6B75A 15m

HPE 400Gb OSFP VR4 50m XCVR (S6B53A)

A 400-Gigabit transceiver in OSFP form-factor that supports the 400-Gigabit VR4 standard, The transceiver operates over multi-mode ribbon fiber with angled MPO12 connector, up to 50m link. Each channel/fiber operates at signaling rates up to 53.12GBd.

HPE PN#	S6B53A
Marketing description	HPE 400G OSFP VR4 50m APC XCVR
Speeds	400Gbs
Form factor	OSFP
Technology	VR4

Media	MMF
OM3 MMF Distance (m)	30
OM4 MMF Distance (m)	50
Wavelength (nm)	850
Max temperature (°C)	70
Connector	MPO12 APC
Latching	pull tab
Breakout capable	Yes. to 2x200G QSFP56 VR2 (S6B56A)
Aggregation capable	Yes. Supported interface: 800GBASE-VR8
MSA compliance	OSFP MSA, " Specification for OSFP OCTAL SMALL FORM FACTOR PLUGGABLE MODULE Common Management Interface Specification (CMIS4.0)
Transmitter power (dbm)	-4.6 to 4 dbm
Receiver power (dbm)	-6.3 to 4 dbm
Receiver sensitivity (dbm)	-6.2 + TECQ
Power consumption (W)	9 W
Number of host lane	4
Host lane speed per lane	53.12GBs PAM4
Number of media lane	4
Media lane speed per lane	53.12GBs PAM4
Host compliance	400GAUI-4-S C2M
Media compliance	400GBASE-VR4
Dimension (mm)	22.6 x 9.5 x 116.4 (RHS)
Weight (g)	143

HPE PN#	S6B53A
Supported Cables	HPE Premier Flex MPO8/MPO8 APC OM4 Fiber Cable for direct connect and aggregation connect (2pc) – S6B64A 1m – S6B65A 2m – S6B66A 5m – S6B67A 15m – S6B68A 30m – S6B69A 50m HPE Premier Flex MPO8 APC to 2xMPO4 APC OM4 cable for 2x200G Breakout application – S6B74A 5m – S6B75A 15m

HPE 400GbE QSFP-DD MPO DR4 1310nm 500m Transceiver (R8M60B)

A 400-Gigabit transceiver in QSFP-DD form-factor that supports the 400-Gigabit DR4 standard, The transceiver operates over Single mode ribbon fiber with Angled MPO12 connector, up to 500m link. Each channel/fiber operates at signaling rates up to 53.12GBd.

HPE PN#	R8M60B
Marketing description	HPE 400GbE QSFP-DD MPO DR4 500m APC XCVR
Speeds	400Gbs
Form factor	QSFP-DD
Technology	DR4
Media	SMF
SMF distance (m)	500
Wavelength (nm)	1310
Max temperature (°C)	70
Connector	MPO12 APC
Latching	pull tab
MSA compliance	QSFP-DD MSA, QSFP-DD Hardware Specification. Common Management Interface Specification (CMIS4.0)

Breakout capable	Yes, to 4x100G QSFP28 DR1 (R8M61A)
Aggregation capable	Yes. Supported interface: 800GBASE-DR8
Transmitter power (dbm)	-2.9 to 4 dbm
Receiver power (dbm)	-5.9 to 4 dbm
Receiver sensitivity	-4.4 dBm
Power consumption (W)	12 W
Host compliance	400GAUI-8 C2M
Number of Host lane	8

HPE PN#	R8M60B
Host lane speed per lane	26.56GBs PAM4
Media compliance	400GBASE-DR4
Number of media lane	4
Media lane speed per lane	53.12GBs PAM4
Dimension (mm)	18.3 x 8.5 x 93.4
Weight (g)	125
Supported Cables	HPE Premier Flex MPO12/MPO12 APC Single-mode Fiber Cable for direct connect and aggregation connect (2pc) S6B70A 2m – S6B71A 5m – S6B72A 15m – S6B73A 30m – R6F28A 50m – R6F29A 100m – R6F30A 300m – R6F31A 500m HPE Premier Flex MPO8 APC to 4xLC Single-mode Fiber Cable for 4x100G Breakout application – R4D62A 2m – R4D63A 5m – R4D64A 10m – R4D60A 15m – R4D61A 30m

HPE 400GbE QSFP112 DR4 1310nm 500m Transceiver (S6B54A)

A 400-Gigabit transceiver in QSFP112 form-factor that supports the 400-Gigabit DR4 standard, The transceiver operates over single mode ribbon fiber with angled MPO12 connector, up to 500m link. Each channel/fiber operates at signaling rates up to 53.12GBd.

HPE PN#	S6B54A
Marketing description	HPE 400G QSFP112 DR4 500m APC XCVR
Speeds	400Gbs
Form factor	QSFP112
Technology	DR4
Media	SMF
SMF distance (m)	500
Wavelength (nm)	1310
Max temperature (°C)	70
Connector	MPO12 APC
Latching	pull tab
MSA compliance	QSFP112 MSA, QUAD SMALL FORM FACTOR PLUGGABLE MODULE 112 Common Management Interface Specification (CMIS4.0)
HPE PN#	S6B54A
Breakout capable	Yes, to 4x100G QSFP28 DR1 (R8M61A)
Aggregation capable	Yes. Supported interface: 800GBASE-DR8

Transmitter power (dbm)	-2.9 to 4 dbm
Receiver power (dbm)	-5.9 to 4 dbm
Receiver sensitivity	-4.4 dBm
Power consumption (W)	9 W
Number of Host lane	4
Host lane speed per lane	53.12GBs PAM4
Number of media lane	4
Media lane speed per lane	53.12GBs PAM4
Host compliance	400GAUI-4-S C2M
Media compliance	400GBASE-DR4
Dimension (mm)	18.3 x 8.5 x 87.4
Weight (g)	129
Supported Cables	HPE Premier Flex MPO12/MPO12 APC Single-mode Fiber Cable for direct connect and aggregation connect (2pc) – S6B70A 2m – S6B71A 5m – S6B72A 15m – S6B73A 30m – R6F28A 50m – R6F29A 100m – R6F30A 300m – R6F31A 500m HPE Premier Flex MPO8 APC to 4xLC Single-mode Fiber Cable for 4x100G Breakout application – R4D62A 2m – R4D63A 5m – R4D64A 10m – R4D60A 15m – R4D61A 30m

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HPE 400GbE OSFP DR4 1310nm 500m Transceiver (S6B55A)

A 400-Gigabit transceiver in OSFP form-factor that supports the 400-Gigabit DR4 standard, The transceiver operates over single mode ribbon fiber with angled MPO12 connector, up to 500m link. Each channel/fiber operates at signaling rates up to 53.12GBd.

HPE PN#	S6B55A
Marketing description	HPE 400G OSFP DR4 500m APC XCVR
Speeds	400Gbs
Form factor	OSFP
Technology	DR4
Media	SMF
SMF distance (m)	500
Wavelength (nm)	1310
Max temperature (°C)	70
Connector	MPO12 APC
Latching	pull tab
MSA compliance	OSFP MSA, " Specification for OSFP OCTAL SMALL FORM FACTOR PLUGGABLE MODULE Common Management Interface Specification (CMIS4.0)
Breakout capable	Yes, to 4x100G QSFP28 DR1 (R8M61A)
Aggregation capable	Yes. Supported interface: 800GBASE-DR8
Transmitter power (dbm)	-2.9 to 4 dbm
Receiver power (dbm)	-5.9 to 4 dbm
Receiver sensitivity	-4.4 dBm

Power consumption (W)	9 W
Number of Host lane	4
Host lane speed per lane	53.12GBs PAM4
Number of media lane	4
Media lane speed per lane	53.12GBs PAM4
Host compliance	400GAUI-4-S C2M
Media compliance	400GBASE-DR4
Dimension (mm)	22.6 x 9.5 x 116.4 (RHS)
Weight (g)	143
Supported Cables	HPE Premier Flex MPO12/MPO12 APC Single-mode Fiber Cable for direct connect and aggregation connect (2pc) – S6B70A 2m – S6B71A 5m – S6B72A 15m – S6B73A 30m – R6F28A 50m – R6F29A 100m – R6F30A 300m – R6F31A 500m
HPE PN#	S6B55A
Supported Cables	HPE Premier Flex MPO8 APC to 4xLC Single-mode Fiber Cable for 4x100G Breakout application – R4D62A 2m – R4D63A 5m – R4D64A 10m – R4D60A 15m – R4D61A 30m

HPE 400Gb QSFP-DD LC FR4 2km 1-pack Transceiver (R8M64A)

A 400-Gigabit transceiver in QSFP-DD form-factor that supports the 8x50-Gigabit FR4 standard. The transceiver operates over single mode fiber with duplex LC connector, up to 2km link. Four 100G lanes are multiplexed using CWDM to transmit a total of 400 Gbps over a single pair of duplex single-mode fibers.

HPE PN#	R8M64A
Marketing description	HPE 400GbE QSFP-DD LC FR4 2km XCVR
Commodity	Transceiver
Speeds	400Gbs
Form factor	QSFP-DD
Technology	FR4
Media	SMF
SMF distance (m)	2000
Wavelength (nm)	1310
Max temperature (°C)	70
Connector	Duplex LC
Latching	pull tab
MSA compliance	QSFP-DD MSA, QSFP-DD Hardware Specification. Common Management Interface Specification (CMIS4.0)
Breakout capable	No
Aggregation capable	Yes. Supported interface: 800GBASE-2xFR4, 800GBASE-DR8-2
Transmitter power (dbm)	-3.2 to 4.4 dbm
Receiver power (dbm)	-7.2 to 4.4 dbm
Receiver sensitivity (dbm)	-6+SECQ
Power consumption (W)	12 W
Number of Host Lane	8

Host lane speed per lane	26.56GBs PAM4
Number of media lane	4
Media lane speed per lane	53.12GBs PAM4
Host compliance	400GAUI-8 C2M
Media compliance	400GBASE-FR4
Dimension (mm)	18.3 x 8.5 x 93.4

HPE PN#	R8M64A
Supported Cables	HPE Single Mode LC/LC FC Cable – AK345A 2m – AK346A 5m

HPE 400Gb QSFP-DD to QSFP-DD AOC (R8M47A 5m, R8M48A 15m)

A 400-Gigabit transceiver in QSFP-DD form-factor that provides connectivity from 5m to 15m with multi-mode fiber.

HPE PN# and description	R8M47A - HPE 400GbE QSFP-DD/QSFP-DD 5m AOC R8M48A - HPE 400GbE QSFP-DD/QSFP-DD 15m AOC
Commodity	AOC
Speeds	400Gbs
form factor [1]	QSFP-DD
Media	MMF
Length (m)	5m, 15m
Wavelength (nm)	850
Max temperature (°C)	70
Connector	NA
Latching	pull tab
MSA compliance	QSFP-DD MSA, QSFP-DD Hardware Specification. Common Management Interface Specification (CMIS4.0)
Breakout capable	No
Power consumption [1]	8.5 W
Number of Host lane [1]	8
Host lane speed per lane [1]	26.56GBs PAM4
Number of media lane [1]	8
Media lane speed per lane [1]	26.56GBs PAM4
Host compliance [1]	400GAUI-8 C2M
Form factor [2]	QSFP-DD
Power consumption [2]	8.5 W
Number of Host lane [2]	8
Host lane speed per lane [2]	26.56GBs PAM4
Number of media lane [2]	8
Media lane speed per lane [2]	26.56GBs PAM4
Host compliance [2]	400GAUI-8 C2M

HPE 400Gb QSFP-DD to OSFP AOC (S6B59A 5m, S6B60A 15m)

A 400-Gigabit active optical cable in QSFP-DD to OSFP form-factor that provides connectivity from 5m to 15m with multi-mode fiber.

HPE PN# and description	S6B59A - HPE 400G QSFP-DD/OSFP 5m AOC S6B60A - HPE 400G QSFP-DD/OSFP 15m AOC
Commodity	AOC
Speeds	400Gbs
Form factor [1]	QSFP-DD
Media	MMF
Length (m)	5m, 15m
Wavelength (nm)	850
Max temperature (°C)	70
Latching	pull tab
MSA compliance	QSFP-DD MSA, QSFP-DD Hardware Specification. OSFP MSA, " Specification for OSFP OCTAL SMALL FORM FACTOR PLUGGABLE MODULE Common Management Interface Specification (CMIS4.0)
Breakout capable	No
Power consumption [1]	8 W
Number of Host lane [1]	8
Host lane speed per lane [1]	26.56GBs PAM4
Number of media lane [1]	4
Media lane speed per lane [1]	53.12GBs PAM4
Host compliance [1]	400GAUI-8 C2M
Form factor [2]	OSFP
Power consumption [2]	10 W
Number of Host lane [2]	4
Host lane speed per lane [2]	53.12GBs PAM4
Number of media lane [2]	4
Media lane speed per lane [2]	53.12GBs PAM4
Host compliance [2]	400GAUI-4-S C2M
Supported interfaces (OSFP side) [2]	NDR (4 lanes x 100Gb/s per lane), 400GAUI-4 C2M P45641-H23 HPE InfiniBand NDR/Ethernet 400Gb 1-port OSFP PCIe5 x16 MCX75310AAS-NEAT Adapter

Notes:

– [1]Primary side of the cable

– [2]Secondary side of the cable

HPE 400Gb QSFP-DD to QSFP112 AOC (S6B61A 5m, S6B62A 15m)

A 400-Gigabit active optical cable in QSFP-DD to QSFP112 form-factor that provides connectivity from 5m to 15m with multi-mode fiber.

HPE PN# and description	S6B61A - HPE 400G QSFP-DD/QSFP112 5m AOC S6B62A - HPE 400G QSFP-DD/QSFP112 15m AOC
Commodity	AOC
Speeds	400Gbs
Form factor [1]	QSFP-DD
Media	MMF
Length (m)	5m, 15m
Wavelength (nm)	850
Max temperature (°C)	70
Latching	pull tab

MSA compliance	QSFP-DD MSA, QSFP-DD Hardware Specification. QSFP112 MSA, QUAD SMALL FORM FACTOR PLUGGABLE MODULE 112 Common Management Interface Specification (CMIS4.0)
Breakout capable	no
Power consumption [1]	10 W
Number of Host lane [1]	8
Host lane speed per lane [1]	26.56GBs PAM4
Number of media lane [1]	4
Media lane speed per lane [1]	53.12GBs PAM4
Host compliance [1]	400GAUI-8 C2M
Form factor [2]	QSFP112
Power consumption [2]	10 W
Number of Host lane [2]	4
Host lane speed per lane [2]	53.12GBs PAM4
Number of media lane [2]	4
Media lane speed per lane [2]	53.12GBs PAM4
Host compliance [2]	400GAUI-4-S C2M

Notes:

– [1]Primary side of the cable

– [2]Secondary side of the cable

HPE 400Gb QSFP-DD/QSFP-DD DAC (R8M44A 0.5m, R8M45A 1m R8M46A 2m)

A 400-Gigabit QSFP-DD form-factor to 400 QSFP-DD Gigabit connectivity from 0.5m to 2m with copper cables.

HPE PN# and description	R8M44A - HPE 400GbE QSFP-DD/QSFP-DD 0.5m DAC R8M45A - HPE 400GbE QSFP-DD/QSFP-DD 1m DAC R8M46A - HPE 400GbE QSFP-DD/QSFP-DD 2m DAC
Commodity	DAC
Speeds	400Gbs
Form factor [1]	QSFP-DD
Media	copper
Length (m)	0.5m, 1m, 2m
Max temperature (°C)	70
Latching	pull tab
Breakout capable	No
Power consumption [1]	0.1 W
Number of Host lane [1]	8
Host lane speed per lane [1]	26.56GBs PAM4
Number of media lane [1]	8
Media lane speed per lane [1]	26.56GBs PAM4
Host compliance [1]	400GAUI-8 C2M
Form factor [2]	QSFP-DD
Power consumption [2]	0.1 W
Number of Host lane [2]	8
Host lane speed per lane [2]	26.56GBs PAM4
Number of media lane [2]	8

Media lane speed per lane [2]	26.56GBs PAM4
Host compliance [2]	400GAUI-8 C2M

Notes:
– [1]Primary side of the cable
– [2]Secondary side of the cable

HPE 400Gb QSFP-DD/2x200Gb QSFP56 AOC (R8M49B 5m, R8M50B 15m)

A 400-Gigabit transceiver in QSFP-DD form-factor that splits to 2 200Gigabit QSFP56 form factor providing connectivity from 5m to 15m with multi-mode fiber.

HPE PN# and description	R8M49B - HPE 400GbE QSFP-DD/2xQSFP56 5m AOC R8M50B - HPE 400GbE QSFP-DD/2xQSFP56 15m AOC
Commodity	AOC
Speeds	400Gbs
Form factor [1]	QSFP-DD
Media	MMF
Length (m)	5m, 15m
Wavelength	850
Max temperature (°C)	70
Connector	NA
Latching	pull tab
Breakout capable	No
Power consumption [1]	10 W
Number of Host lane [1]	8
Host lane speed per lane [1]	26.56GBs PAM4
Number of media lane [1]	8
Media lane speed per lane [1]	26.56GBs PAM4
Host compliance [1]	400GAUI-8 C2M
Form factor [2]	QSFP56
Power consumption [2]	5 W
Number of Host lane [2]	4
Host lane speed per lane [2]	26.56GBs PAM4
Number of media lane [2]	4
Media lane speed per lane [2]	26.56GBs PAM4
Host compliance [2]	200GAUI-4 C2M

Notes:
– [1]Primary side of the cable
– [2]Secondary side of the cable

HPE 400Gb QSFP-DD/2xQSFP56 DAC (R8M51A 1m, R8M52A 2m)

A 400-Gigabit QSFP-DD form-factor that splits to 2 lanes of QSFP56 200 Gigabit connectivity from 1m to 2m with copper cables.

HPE PN# and description	R8M51A - HPE 400GbE QSFP-DD/2xQSFP56 1m DAC

	R8M52A - HPE 400GbE QSFP-DD/2xQSFP56 2m DAC
Commodity	DAC
Speeds	400Gbs
Form factor [1]	QSFP-DD
Media	copper
Length (m)	1m, 2m
Max temperature (°C)	70
Latching	NA
Breakout capable	pull tab
Power consumption [1]	0.1 W
Number of Host lane [1]	8
Host lane speed per lane [1]	26.56GBs PAM4
Number of media lane [1]	8
Media lane speed per lane [1]	26.56GBs PAM4
Host compliance [1]	400GAUI-8 C2M
Form factor [2]	
Power consumption [2]	QSFP56
Number of Host lane [2]	0.1 W
Host lane speed per lane [2]	4
Number of media lane [2]	26.56GBs PAM4
Media lane speed per lane [2]	4
Host compliance [2]	26.56GBs PAM4
Speeds	200GAUI-4 C2M
Host compliance [2]	Copper cable

Notes:
– [1]Primary side of the cable
– [2]Secondary side of the cable

HPE 400Gb QSFP-DD/4xQSFP56 DAC (R8M55A 1m, R8M56A 2m)

A 400-Gigabit QSFP-DD form-factor that splits to 4 lanes of QSFP56 100 Gigabit connectivity from 1m to 2m with copper cables.

HPE PN# and description	R8M55A - HPE 400GbE QSFP-DD/4xQSFP56 1m DAC R8M56A - HPE 400GbE QSFP-DD/4xQSFP56 2m DAC
Commodity	DAC
Speeds	400Gbs
Form factor [1]	QSFP-DD
Media	copper
Length (m)	1m, 2m
Max temperature (°C)	70
Latching	pull tab
Breakout capable	NA
Power consumption [1]	0.1 W
Number of Host lane [1]	8
Host lane speed per lane [1]	26.56GBs PAM4
Number of media lane [1]	8
Media lane speed per lane [1]	26.56GBs PAM4
Host compliance [1]	400GAUI-8 C2M

Form factor [2]	QSFP56
Power consumption [2]	0.1 W
Number of Host lane [2]	2
Host lane speed per lane [2]	26.56GBs PAM4
Number of media lane [2]	2
Media lane speed per lane [2]	26.56GBs PAM4
Host compliance [2]	100GAUI-2 C2M
Supported platforms [1]	100G NIC card 100GBASE-CR2

Notes:
– [1]Primary side of the cable
– [2]Secondary side of the cable

HPE 400Gb QSFP-DD/8xSFP56 DAC (R8M53A 2m, R8M54A 2.5m)

A 400-Gigabit QSFP-DD form-factor that splits to 8 lanes of SFP56 50 Gigabit connectivity from 2m to 2.5m with copper cables.

HPE PN# and description	R8M53A - HPE 400GbE QSFP-DD/8xSFP56 2m DAC R8M54A - HPE 400GbE QSFP-DD/8xSFP56 2.5m DAC
Commodity	DAC
Speeds	400Gbs
Form factor [1]	QSFP-DD
Media	copper
Length (m)	2
Max temperature (°C)	70
Latching	pull tab
Breakout capable	NA
Power consumption [1]	0.1 W
Number of Host lane [1]	8
Host lane speed per lane [1]	26.56GBs PAM4
Number of media lane [1]	8
Media lane speed per lane [1]	26.56GBs PAM4
Host compliance [1]	400GAUI-8 C2M
Form factor [2]	QSFP-DD
Power consumption [2]	0.1 W
Number of Host lane [2]	1
Host lane speed per lane [2]	26.56GBs PAM4
Number of media lane [2]	1
Media lane speed per lane [2]	26.56GBs PAM4
Host compliance [2]	50GAUI-1 C2M
Supported platforms [1]	50G QSFP56 NIC

Notes:
– [1]Primary side of the cable
– [2]Secondary side of the cable

HPE 200GbE QSFP56 VR2 50m Transceiver (S6B56A)

A 200-Gigabit transceiver in QSFP56 form-factor that supports the 2x100-Gigabit VR2 standard, providing 200-Gigabit connectivity up to 50m with standard APC MPO12 connector with multi-mode fiber. Each channel/fiber operates at signaling rates up to 53.12GBd.

HPE PN#	S6B56A
Marketing description	HPE 200G QSFP56 VR2 50m APC XCVR
Commodity	Transceiver
Speeds	200Gbs
form factor	QSFP56
media	MMF
OM4 MMF Distance	50
Max temperature (°C)	70
Connector	MPO12 APC
Latching	pull tab
Breakout capable	No.
Aggregation capable	Yes. up to 400G and 800G. 400G VR4 (HPE: S6B51A)
power consumption	5 W
Transmitter power (dbm)	-4.6 to 4 dbm
Receiver power (dbm)	-6.3 to 4 dbm
Receiver sensitivity (dbm)	Max (-4.4, TECQ-6.2)
Number of Host lane	4
Host lane speed per lane	26.56GBs PAM4
Number of media lane	2
Media lane speed per lane	53.12GBs PAM4
Host compliance	200GAUI-4 C2M
Media compliance	200GBASE-VR2
Support cables	HPE Premier Flex MPO8/MPO8 APC OM4 Fiber Cable for direct connect – S6B64A 1m – S6B65A 2m – S6B66A 5m – S6B67A 15m – S6B68A 30m – S6B69A 50m HPE Premier Flex MPO8 to 2xMPO4 APC OM4 Cable for 400G/800G aggregation application – S6B74A 5m (400G uses single cable, 800G uses dual cables) – S6B75A 15m (400G uses single cable, 800G uses dual cables)

HPE 200Gb QSFP56 MPO 100m XCVR (R5Z83A)

A 200-Gigabit transceiver in QSFP56 form-factor that supports the 4x50-Gigabit SR4 standard, providing 200-Gigabit connectivity up to 100m with standard MPO connector with multi-mode fiber. Each channel/fiber operates at signaling rates up to 26.56 GBd.

HPE PN#	R5Z83A
Marketing description	HPE 200Gb QSFP56 MPO SR4 100m XCVR
Commodity	Transceiver
Speeds	200Gbs
form factor	QSFP56
media	MMF
OM4 MMF Distance	100

Max temperature (°C)	70
Connector	MPO12
power consumption	4.5 W
Latching	pull tab
Breakout capable	Yes, to 4x 50G SFP56 R8M65A HPE 25/50GbE SFP56 SR 100m 1pk XCVR
Aggregation capable	Yes. to 400G 400G SR8 (HPE: R8M63A)
Transmitter power (dbm)	-6.5 to 4 dbm
Receiver power (dbm)	-8.4 to 4 dbm
Receiver sensitivity (dbm)	Max (-6.5, SECQ-7.9)
Number of Host lane	4
Host lane speed per lane	26.56GBs PAM4
Number of media lane	4
Media lane speed per lane	26.56GBs PAM4
Host compliance	200GAUI-4 C2M
Media compliance	200GBASE-SR4
Support cables	HPE Premier Flex MPO12 to 4xLC OM4 Cable for 4x50G Breakout application – K2Q46A 5m – K2Q47A 15m – Q1H68A 30m – Q1H69A 50m HPE Premier Flex MPO16 APC to 2xMPO8 OM4 5m Cable for 400G aggregation application – S1H57A 5m – S1H58A 10m

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HPE 200Gb QSFP56 LC CWDM4 FR4 500m 1-pack Transceiver (R5Z84A)

A 200-Gigabit transceiver in QSFP56 form-factor that supports the 4x50-Gigabit LC CWDM4 FR4 standard, providing 200-Gigabit connectivity up to 2km using standard LC connector with 0.1-2km single-mode fiber. Each channel/fiber operates at signaling rates up to 26.56 GBd.

HPE PN#	R5Z84A
Marketing description	HPE 200Gb QSFP56 LC CWDM4 FR4 XCVR
Commodity	Transceiver
Speeds	200Gbs
form factor	QSFP56
media	SMF
SMF Distance at max speed	2km
Max temperature (°C)	70
Connector	Duplex LC
Latching	pull tab
Breakout capable	No
Aggregation capable	No
power consumption	5.5 W
Transmitter power (dbm)	-4.2 to 4.7 dbm
Receiver power (dbm)	-8.2 to 4.7 dbm
Receiver sensitivity (dbm)	-6.5
Number of Host lane	4
Host lane speed per lane	26.56GBs PAM4
Number of media lane	4
Media lane speed per lane	26.56GBs PAM4
Host compliance	200GAUI-4 C2M

Media compliance	200GBASE-FR4

HPE 200Gb QSFP56/QSFP56 AOC (R5Z80A 5m, R5Z81A 10m, R5Z82A 15m)

A 200-Gigabit transceiver in QSFP56 form-factor that provides 200-Gigabit connectivity from 5m to 15m with multi-mode fiber.

HPE PN# and description	R5Z80A - HPE 200Gb QSFP56/QSFP56 5m AOC R5Z81A - HPE 200Gb QSFP56/QSFP56 10m AOC R5Z82A - HPE 200Gb QSFP56/QSFP56 15m AOC
Commodity	AOC
Speeds	200Gbs
form factor	QSFP56
media	MMF
Length (m)	5, 10, 15
Max temperature (°C)	70
Connector	NA
HPE PN# and description	R5Z80A - HPE 200Gb QSFP56/QSFP56 5m AOC R5Z81A - HPE 200Gb QSFP56/QSFP56 10m AOC R5Z82A - HPE 200Gb QSFP56/QSFP56 15m AOC
Latching	pull tab
Breakout capable	No
Power consumption [1]	4.5 W
Number of Host lane [1]	4
Host lane speed per lane [1]	26.56GBs PAM4
Number of media lane [1]	4
Media lane speed per lane [1]	26.56GBs PAM4
Host compliance [1]	200GAUI-4 C2M
Form factor [2]	QSFP56
Power consumption [2]	4.5 W
Number of Host lane [2]	4
Host lane speed per lane [2]	26.56GBs PAM4
Number of media lane [2]	4
Media lane speed per lane [2]	26.56GBs PAM4
Host compliance [2]	200GAUI-4 C2M

Notes:

– [1]Primary side of the cable

– [2]Secondary side of the cable

HPE 200Gb QSFP56/QSFP56 DAC (R5Z76A 0.5m, R5Z77A 1m, R5Z78A 2m, R5Z79A 2.5m)

A 200-Gigabit transceiver in QSFP56 form-factor that provides 200-Gigabit connectivity from 0..5m to 2.5m with copper cables. R5Z76A HPE 200Gb QSFP56/QSFP56 0.5m DAC.

HPE PN# and description	R5Z76A - HPE 200Gb QSFP56/QSFP56 0.5m DAC R5Z77A - HPE 200Gb QSFP56/QSFP56 1m DAC R5Z78A - HPE 200Gb QSFP56/QSFP56 2m DAC R5Z79A - HPE 200Gb QSFP56/QSFP56 2.5m DAC
Speeds	200Gbs
form factor	QSFP56
media	Copper cable
Length (m)	0.5, 1m, 2m, 2.5m

Max temperature (°C)	70
Latching	pull tab
Breakout capable	No
Power consumption [1]	0.1 W
Number of Host Lane [1]	4
Host lane speed per lane [1]	26.56GBs PAM4
Number of media lane [1]	4
HPE PN# and description	R5Z76A - HPE 200Gb QSFP56/QSFP56 0.5m DAC R5Z77A - HPE 200Gb QSFP56/QSFP56 1m DAC R5Z78A - HPE 200Gb QSFP56/QSFP56 2m DAC R5Z79A - HPE 200Gb QSFP56/QSFP56 2.5m DAC
Media lane speed per lane [1]	26.56GBs PAM4
Host compliance [1]	200GAUI-4 C2M
Form factor [2]	QSFP56
Power consumption [2]	0.1 W
Number of Host Lane [2]	4
Host lane speed per lane [2]	26.56GBs PAM4
Number of media lane [2]	4
Media lane speed per lane [2]	26.56GBs PAM4
Host compliance [2]	200GAUI-4 C2M

Notes:

– [1]Primary side of the cable

– [2]Secondary side of the cable

HPE 200Gb QSFP56/2x100Gb QSFP56 AOC (R6F24A 3m, R6F25A 5m, R6F26A 15m)

A 200-Gigabit transceiver in QSFP56 form-factor that splits to 2 100Gigabit connectivity from 3m to 15m with multi-mode fiber.

HPE PN# and description	R6F24A - HPE 200Gb QSFP56/2x100Gb QSFP56 3m AOC R6F25A - HPE 200Gb QSFP56/2x100Gb QSFP56 5m AOC R6F26A - HPE 200Gb QSFP56/2x100Gb QSFP56 15m AOC
Commodity	AOC
Speeds	200Gbs
Form factor [1]	QSFP56
media	MMF
Length (m)	3, 5, 15
Max temperature (°C)	70
Connector	NA
Latching	pull tab
Breakout capable	Yes
Power consumption [1]	5 W
Number of Host Lane [1]	4
Host lane speed per lane [1]	26.56GBs PAM4
Number of media lane [1]	4
Media lane speed per lane [1]	26.56GBs PAM4
Host compliance [1]	200GAUI-4 C2M
Form factor [2]	QSFP56
Power consumption [2]	3 W
HPE PN# and description	R6F24A - HPE 200Gb QSFP56/2x100Gb QSFP56 3m AOC R6F25A - HPE 200Gb QSFP56/2x100Gb QSFP56 5m AOC

	R6F26A - HPE 200Gb QSFP56/2x100Gb QSFP56 15m AOC
Number of Host Lane [2]	2
Host lane speed per lane [2]	26.56GBs PAM4
Number of media lane [2]	2
Media lane speed per lane [2]	26.56GBs PAM4
Host compliance [2]	100GAUI-2 C2M
Supported platforms [2]	100G NIC card 100GBASE-CR2

Notes:

– [1]Primary side of the cable

– [2]Secondary side of the cable

HPE 200Gb QSFP56/2xQSFP56 DAC (R8M57A 2m, R8M58A 2.5m)

A 200-Gigabit transceiver in QSFP56 form-factor that splits to 2 lanes of 100 Gigabit connectivity from 2m to 2.5m with copper cables.

HPE PN# and description	R8M57A - HPE 200GbE QSFP56/2xQSFP56 2m DAC R8M58A - HPE 200GbE QSFP56/2xQSFP56 2m DAC
Commodity	DAC
Speeds	200Gbs
form factor [1]	QSFP56
Media	Copper cable
Length (m)	2
Max temperature (°C)	70
Connector	NA
Latching	pull tab
Breakout capable	Yes
Power consumption [1]	0.1 W
Number of Host Lane [1]	4
Host lane speed per lane [1]	26.56GBs PAM4
Number of media lane [1]	4
Media lane speed per lane [1]	26.56GBs PAM4
Host compliance [1]	200GAUI-4 C2M
Form factor [2]	QSFP56
Power consumption [2]	0.1 W
Number of Host Lane [2]	2
Host lane speed per lane [2]	26.56GBs PAM4
Number of media lane [2]	2
Media lane speed per lane [2]	26.56GBs PAM4

HPE PN# and description	R8M57A - HPE 200GbE QSFP56/2xQSFP56 2m DAC R8M58A - HPE 200GbE QSFP56/2xQSFP56 2m DAC
Host compliance [2]	100GAUI-2 C2M
Supported platforms [2]	100G NIC card 100GBASE-CR2

Notes:

– [1]Primary side of the cable

– [2]Secondary side of the cable

HPE 200Gb QSFP56/4x50/25G SFP56 DAC (R6F27A 2.5m)

A 200-Gigabit transceiver in QSFP56 form-factor that splits to 4 lanes of 50 or 25-Gigabit connectivity 2.5m with copper cables.

HPE PN#	R6F27A
Marketing description	HPE 200Gb QSFP56/4x50/25Gb SFP56 2.5m DAC
Commodity	DAC
Speeds	200Gbs
Form factor [1]	QSFP56
Media	Copper
Length (m)	2.5
Max temperature (°C)	70
Connector	NA
Latching	pull tab
Breakout capable	Yes
Power consumption [1]	0.1 W
Number of Host Lane [1]	4
Host lane speed per lane [1]	26.56GBs PAM4
Number of media lane [1]	4
Media lane speed per lane [1]	26.56GBs PAM4
Host compliance [1]	200GAUI-4 C2M
Form factor [2]	SFP56
Power consumption [2]	0.1 W
Number of Host Lane [2]	1
Host lane speed per lane [2]	26.56GBs PAM4
Number of media lane [2]	1
Media lane speed per lane [2]	26.56GBs PAM4
Host compliance [2]	50GAUI-1 C2M
Supported platforms [2]	50GBASE-CR QSFP56 port

Notes:

– [1]Primary side of the cable

– [2]Secondary side of the cable

HPE 100Gb QSFP28 MPO SR4 100m Transceiver (Q2F19A)

A 100-Gigabit transceiver in QSFP28 form-factor that supports the 4x25-Gigabit SR4 standard, providing 100-Gigabit connectivity up to 100m using standard MPO connector with multi-mode fiber. Each channel/fiber operates at signaling rates up to 25.78Gbs.

HPE PN#	Q2F19A
Marketing description	HPE M-series 100GbE QSFP28 SR4 100m XCVR
Commodity	Transceiver
Technology	100G E
Speeds	100Gbs
Form factor	QSFP28
Technology	SR4
Media	MMF
OM3 MMF Distance at max speed	70
OM4 MMF Distance at max speed	100
Wavelength	850
Max temperature (°C)	70

Connector	MPO12
Latching	pull tab
Breakout capable	Yes 4x25G SR
Aggregation capable	No
Transmitter power	-8.4 to 2.4 dbm
Receiver power	-10.3 to 2.4 dbm
Receiver sensitivity stressed	-5.2 dbm
power consumption	2.5 W
Number of Host lane	4
Host lane speed per lane	25Gbs NRZ
Number of media lane	4
Media lane speed per lane	25Gbs NRZ
Host compliance	CAUI-4 C2M
Media compliance	100GBASE-SR4
Supported cables	HPE Premier Flex MPO12 MPO12 OM4 Cable – Q1H63A - HPE Premier Flex MPO12/MPO12 Multi-mode OM4 1m Fiber Cable – Q1H64A - HPE Premier Flex MPO12/MPO12 Multi-mode OM4 2m Fiber Cable – Q1H65A - HPE Premier Flex MPO12/MPO12 Multi-mode OM4 5m Fiber Cable – Q1H66A - HPE Premier Flex MPO12/MPO12 Multi-mode OM4 15m Fiber Cable – Q1H67A - HPE Premier Flex MPO12/MPO12 Multi-mode OM4 30m Fiber Cable – QK729A - HPE Premier Flex MPO12/MPO12 Multi-mode OM4 10m Fiber Cable – QK731A - HPE Premier Flex MPO12/MPO12 Multi-mode OM4 50m Fiber Cable – H6Z30A - HPE Premier Flex MPO12/MPO12 Multi-mode OM4 100m Fiber Cable – R9M62A - HPE Premier Flex MPO8/MPO8 Multi-mode OM5 100m Fiber Cable – R9M63A - HPE Premier Flex MPO8/MPO8 Multi-mode OM5 150m Fiber Cable
HPE PN#	Q2F19A
Supported cables	HPE MPO8 to 4 x LC OM4 Splitter Cables for Breakout application – K2Q46A - HPE Premier Flex MPO8 to 4xLC Multi-mode OM4 5m Fiber Cable – K2Q47A - HPE Premier Flex MPO8 to 4xLC Multi-mode OM4 15m Fiber Cable – Q1H68A - HPE Premier Flex MPO8 to 4xLC Multi-mode OM4 30m Fiber Cable – Q1H69A - HPE Premier Flex MPO8 to 4xLC Multi-mode OM4 50m Fiber Cable

HPE 100GbE QSFP28 SR4 Extended Temperature Pull Tab Transceiver (S2T35A)

A 100-Gigabit transceiver in QSFP28 form-factor that supports the 4x25-Gigabit SR4 standard, providing 100-Gigabit connectivity up to 100m using standard MPO connector with multi-mode fiber. Each channel/fiber operates at signaling rates up to 25.78 GBs.

HPE PN#	S2T35A
Marketing description	HPE 100GbE QSFP28 SR4 E-Temp PT XCVR
Commodity	Transceiver
Technology	100G E
Speeds	100Gbs
form factor	QSFP28
Technology	SR4
media	MMF
OM3 MMF Distance at max speed	70
OM4 MMF Distance at max speed	100
Wavelength	850
Max temperature (°C)	85
Connector	MPO12
Latching	pull tab
Breakout capable	Yes 4x25G SR
Aggregation capable	No
Transmitter power	-8.4 to 2.4 dbm
Receiver power	-10.3 to 2.4 dbm

Receiver sensitivity stressed	-5.2 dbm
power consumption	2.5 W
Number of Host lane	4
Host lane speed per lane	25Gbs NRZ
Number of media lane	4
Media lane speed per lane	25Gbs NRZ
Host compliance	CAUI-4 C2M
Media compliance	100GBASE-SR4

HPE PN#	S2T35A
Supported cables	HPE Premier Flex MPO12 MPO12 OM4 Cable – Q1H63A - HPE Premier Flex MPO12/MPO12 Multi-mode OM4 1m Fiber Cable – Q1H64A - HPE Premier Flex MPO12/MPO12 Multi-mode OM4 2m Fiber Cable – Q1H65A - HPE Premier Flex MPO12/MPO12 Multi-mode OM4 5m Fiber Cable – Q1H66A - HPE Premier Flex MPO12/MPO12 Multi-mode OM4 15m Fiber Cable – Q1H67A - HPE Premier Flex MPO12/MPO12 Multi-mode OM4 30m Fiber Cable – QK729A - HPE Premier Flex MPO12/MPO12 Multi-mode OM4 10m Fiber Cable – QK731A - HPE Premier Flex MPO12/MPO12 Multi-mode OM4 50m Fiber Cable – H6Z30A HPE Premier Flex MPO12/MPO12 Multi-mode OM4 100m Fiber Cable – R9M62A - HPE Premier Flex MPO8/MPO8 Multi-mode OM5 100m Fiber Cable – R9M63A - HPE Premier Flex MPO8/MPO8 Multi-mode OM5 150m Fiber Cable HPE MPO8 to 4 x LC OM4 Splitter Cables for Breakout application – K2Q46A - HPE Premier Flex MPO8 to 4xLC Multi-mode OM4 5m Fiber Cable – K2Q47A - HPE Premier Flex MPO8 to 4xLC Multi-mode OM4 15m Fiber Cable – Q1H68A - HPE Premier Flex MPO8 to 4xLC Multi-mode OM4 30m Fiber Cable – Q1H69A - HPE Premier Flex MPO8 to 4xLC Multi-mode OM4 50m Fiber Cable

HPE 100Gb QSFP28 LC DR1 500m 1-pack Transceiver (R8M61A)

A 100-Gigabit transceiver in QSFP28 form-factor that supports the 100G-DR1 standard. The transceiver operates over duplex LC single mode fiber, up to 500m link.

HPE PN#	R8M61A
Marketing description	HPE 100GbE QSFP28 LC DR1 500m 1pk XCVR
Commodity	Transceiver
Speeds	100Gbs
Form factor	QSFP28
Technology	DR1
Media	SMF
SMF distance at max speed	500
Wavelength	1310
Max temperature (°C)	70
Connector	Duplex LC
Latching	pull tab
Breakout capable	No
Aggregation capable	Yes, up to 400G, 800G 400G DR4: R8M60B 800G interface: 800GBASE-DR8
Transmitter power	-2.9 to 4 dbm
Receiver power	-5.9 to 4 dbm
Receiver sensitivity stressed	Max (-3.9, SECQ-5.3) dbm
power consumption	4.5W, 4W (FEC Bypass)
Number of Host Lane	4
HPE PN#	R8M61A
Host lane speed per lane	25.78Gbs NRZ, 26.56Gbs NRZ

Number of media lane	1
Media lane speed per lane	53.12GBs PAM4
Host compliance	CAUI-4 C2M, 100GAUI-4 C2M
Media compliance	100GBASE-DR
Support cables	HPE Premier Flex MPO8 APC to 4xLC Single-mode Fiber Cable for 4x100G Breakout application: – R4D62A 2m – R4D63A 5m – R4D64A 10m – R4D60A 15m – R4D61A 30m AK345A - HPE 2m Single Mode LC/LC FC Cable AK346A - HPE 5m Single Mode LC/LC FC Cable

HPE 100GbE QSFP28 to 4x25GbE SFP28 5m AOC (Q9S71A)

A 100-Gigabit transceiver in QSFP28 form-factor that splits to 4 25-Gigabit SR SFP28, providing 100-Gigabit connectivity to 5m with multi-mode fiber.

HPE PN#	Q9S71A HPE 100GbE QSFP28 to QSFP28 5m AOC
Commodity	AOC
Speeds	100Gbs
Form factor [1]	QSFP28
Technology	SW
Media	MMF
Length (m)	5m
Wavelength	850
Max temperature (°C)	70
Connector	NA
Latching	pull tab
Breakout capable	No
Power consumption [1]	2.5 W
Number of Host Lane [1]	4
Host lane speed per lane [1]	25Gbs NRZ
Number of media lane [1]	4
Media lane speed per lane [1]	25Gbs NRZ
Host compliance [1]	CAUI-4 C2M
Form factor [2]	QSFP28
Power consumption [2]	2.5 W
Number of Host Lane [2]	4
Host lane speed per lane [2]	25Gbs NRZ
HPE PN#	Q9S71A HPE 100GbE QSFP28 to QSFP28 5m AOC
Number of media lane [2]	4
Media lane speed per lane [2]	25Gbs NRZ
Host compliance [2]	CAUI-4 C2M

Notes:

– [1]Primary side of the cable

– [2]Secondary side of the cable

HPE 100GbE QSFP28 to QSFP28 Extended Temperature Active Optical Cable (S6B63A 2m, S2T38A 5m, S2T39A 10m, S2T40A 15m, S2T41A 25m)

A 100-Gigabit AOC in QSFP28 form-factor, providing 100-Gigabit connectivity up to 25m with multi-mode fiber.

HPE PN# and description	S6B63A - HPE 100G QSFP28 2m E-Temp AOC S2T38A - HPE 100G QSFP28 5m E-Temp AOC S2T39A - HPE 100G QSFP28 10m E-Temp AOC S2T40A - HPE 100G QSFP28 15m E-Temp AOC S2T41A - HPE 100G QSFP28 25m E-Temp AOC
Commodity	AOC
Speeds	100Gbs
Form factor [1]	QSFP28
Technology	SW
Media	MMF
Length (m)	2m, 5m, 10m, 15m, 25m
Wavelength	850
Max temperature (°C)	85
Connector	NA
Latching	pull tab
Breakout capable	No
Power consumption [1]	2.5 W
Number of Host Lane [1]	4
Host lane speed per lane [1]	25Gbs NRZ
Number of media lane [1]	4
Media lane speed per lane [1]	25Gbs NRZ
Host compliance [1]	CAUI-4 C2M
Form factor [2]	QSFP28
Power consumption [2]	2.5 W
Number of Host Lane [2]	4
Host lane speed per lane [2]	25Gbs NRZ
Number of media lane [2]	4

HPE PN# and description	S6B63A - HPE 100G QSFP28 2m E-Temp AOC S2T38A - HPE 100G QSFP28 5m E-Temp AOC S2T39A - HPE 100G QSFP28 10m E-Temp AOC S2T40A - HPE 100G QSFP28 15m E-Temp AOC S2T41A - HPE 100G QSFP28 25m E-Temp AOC
Media lane speed per lane [2]	25Gbs NRZ
Host compliance [2]	CAUI-4 C2M

Notes:

– [1]Primary side of the cable

– [2]Secondary side of the cable

HPE 100GbE QSFP28/QSFP28 0.5m DAC (R8M59A)

A 100-Gigabit transceiver in QSFP28 form-factor providing 100-Gigabit connectivity to 0.5m with copper cables.

HPE PN#	R8M59A
Marketing description	HPE 100Gb QSFP28/QSFP28 0.5m DAC
Technology	100G E
Speeds	100Gbs
Form factor [1]	QSFP28

Media	copper
OM4 MMF Distance at max speed	0.5
SMF distance at max speed	NA
Wavelength	NA
Max temperature (°C)	70
Connector	NA
Latching	pull tab
Breakout capable	No
Power consumption [1]	0.1 W
Number of Host Lane [1]	4
Host lane speed per lane [1]	25Gbs NRZ
Number of media lane [1]	4
Media lane speed per lane [1]	25Gbs NRZ
Host compliance [1]	CAUI-4 C2M
Form factor [2]	QSFP56
Power consumption [2]	0.1 W
Number of Host Lane [2]	4
Host lane speed per lane [2]	25Gbs NRZ
Number of media lane [2]	4
Media lane speed per lane [2]	25Gbs NRZ
Host compliance [2]	CAUI-4 C2M

Notes:

– [1]Primary side of the cable

– [2]Secondary side of the cable

HPE 100GbE QSFP+ to 4x25GbE SFP+ 1m DAC (Q9S72A)

A 100-Gbs transceiver in QSFP28 form-factor that splits to 4 25-Gbs SFP28, providing 100-Gigabit connectivity to 1m with copper cables.

HPE PN#	Q9S72A
Marketing description	HPE 100GbE QSFP28 to 4x25GbE 1m DAC
Technology	100G E
Speeds	100Gbs
Form factor [1]	QSFP28
Media	copper
OM4 MMF Distance at max speed	1
SMF distance at max speed	NA
Wavelength	NA
Max temperature (°C)	70
Connector	NA
Latching	pull tab
Breakout capable	Yes
Power consumption [1]	0.1 W
Number of Host Lane [1]	4
Host lane speed per lane [1]	25Gbs NRZ
Number of media lane [1]	4
Media lane speed per lane [1]	25Gbs NRZ
Host compliance [1]	CAUI-4 C2M
Form factor [2]	QSFP28

Power consumption [2]	0.1 W
Number of Host Lane [2]	1
Host lane speed per lane [2]	25Gbs NRZ
Number of media lane [2]	1
Media lane speed per lane [2]	25Gbs NRZ
Host compliance [2]	25GAUI C2M

Notes:

– [1]Primary side of the cable

– [2]Secondary side of the cable

HPE 40GbE QSFP+ to 4x10GbE SFP+ 5m AOC (Q9S66A)

A 40-Gigabit transceiver in QSFP+ form-factor that splits to 4 10-Gigabit SR SFP+, providing 40-Gigabit connectivity to 5m with multi-mode fiber.

HPE PN#	Q9S66A
Marketing description	HPE 40GbE QSFP+ to 4x10GbE SFP+ 5m AOC
Commodity	AOC

HPE PN#	Q9S66A
Technology	40G E
Speeds	40Gbs
Form factor [1]	QSFP+
Technology	SW
Media	MMF
Length (m)	5
Wavelength	850
Max temperature (°C)	70
Connector	NA
Latching	pull tab
Breakout capable	Yes
Power consumption [1]	1.5W
Number of Host Lane [1]	4
Host lane speed per lane [1]	10Gbs NRZ
Number of media lane [1]	4
Media lane speed per lane [1]	10Gbs NRZ
Host compliance [1]	XLPPI
Form factor [2]	SFP+
Power consumption [2]	1 W
Number of Host Lane [2]	1
Host lane speed per lane [2]	10Gbs NRZ
Number of media lane [2]	1
Media lane speed per lane [2]	10Gbs NRZ
Supported cables	HPE Premier Flex MPO12 MPO12 OM4 Cable – Q1H63A - HPE Premier Flex MPO12/MPO12 Multi-mode OM4 1m Fiber Cable – Q1H64A - HPE Premier Flex MPO12/MPO12 Multi-mode OM4 2m Fiber Cable – Q1H65A - HPE Premier Flex MPO12/MPO12 Multi-mode OM4 5m Fiber Cable – Q1H66A - HPE Premier Flex MPO12/MPO12 Multi-mode OM4 15m Fiber Cable – Q1H67A - HPE Premier Flex MPO12/MPO12 Multi-mode OM4 30m Fiber Cable – QK729A - HPE Premier Flex MPO12/MPO12 Multi-mode OM4 10m Fiber Cable

	– QK731A - HPE Premier Flex MPO12/MPO12 Multi-mode OM4 50m Fiber Cable – H6Z30A - HPE Premier Flex MPO12/MPO12 Multi-mode OM4 100m Fiber Cable – R9M62A - HPE Premier Flex MPO8/MPO8 Multi-mode OM5 100m Fiber Cable – R9M63A - HPE Premier Flex MPO8/MPO8 Multi-mode OM5 150m Fiber Cable HPE MPO8 to 4 x LC OM4 Splitter Cables for Breakout application – K2Q46A - HPE Premier Flex MPO8 to 4xLC Multi-mode OM4 5m Fiber Cable – K2Q47A - HPE Premier Flex MPO8 to 4xLC Multi-mode OM4 15m Fiber Cable – Q1H68A - HPE Premier Flex MPO8 to 4xLC Multi-mode OM4 30m Fiber Cable – Q1H69A - HPE Premier Flex MPO8 to 4xLC Multi-mode OM4 50m Fiber Cable

Notes:
– [1]Primary side of the cable
– [2]Secondary side of the cable

HPE 64Gb SFP56 SW 100m 1pk XCVR (R8F87A)

HPE PN#	R8F87A
Marketing description	HPE 64Gb SFP56 SW 100m 1pk XCVR
Commodity	Transceiver
Technology	64G FC
Speeds	64G, 32G, 16G FC
Form factor	SFP56
Technology	SW
Media	MMF
OM3 MMF Distance at max speed	70
OM4 MMF Distance at max speed	100
Wavelength	850
Max temperature (°C)	70
Connector	LC
Latching	bail
Breakout capable	No
Transmitter power	-7.5 to 4 dbm
Receiver power	-7 to 4 dbm
power consumption	2 W
Number of Host Lane	1
Host lane speed per lane	28.9GBs PAM4
Number of media lane	1
Media lane speed per lane	28.9GBs PAM4
Host compliance	64GFC
Media compliance	64GFC-MM
Supported cables	HPE PremierFlex LC MM Cables – QK732A - HPE PremierFlex OM4 1m LC/LC FC Cable – QK733A - HPE PremierFlex OM4 2m LC/LC FC Cable – QK734A - HPE PremierFlex OM4 5m LC/LC FC Cable – QK735A - HPE PremierFlex OM4 15m LC/LC FC Cable – QK736A - HPE PremierFlex OM4 30m LC/LC FC Cable – QK737A - HPE PremierFlex OM4 50m LC/LC FC Cable – R9M64A - HPE Premier Flex Wide Band LC/LC Multi-mode OM5 100m Fiber Cable – R9M65A - HPE Premier Flex Wide Band LC/LC Multi-mode OM5 150m Fiber Cable – AJ833A - HPE OM3 .5m Multi-mode LC/LC FC Cable – AJ834A - HPE OM3 1m Multi-mode LC/LC FC Cable – AJ835A - HPE OM3 2m Multi-mode LC/LC FC – AJ836A - HPE OM3 5m Multi-mode LC/LC FC Cable – AJ837A - HPE OM3 15m Multi-mode LC/LC FC Cable – AJ838A - HPE OM3 30m Multi-mode LC/LC FC Cable

	– AJ839A - HPE OM3 50m Multi-mode LC/LC FC Cable

HPE 64G SFP56 SW E-Temp 1pk PT XCVR (S2T34A)

HPE PN#	S2T34A
Marketing description	HPE 64G SFP56 SW 1pk E-Temp PT XCVR
Commodity	Transceiver
Technology	64G FC
Speeds	64G, 32G, 16G FC
Form factor	SFP56
Technology	SW
Media	MMF
OM3 MMF Distance at max speed	70
OM4 MMF Distance at max speed	100
Wavelength	850
Max temperature (°C)	85 C
Connector	LC
Latching	pull tab
Breakout capable	No
Transmitter power	-7.5 to 4 dbm
Receiver power	-7 to 4 dbm
Power consumption	2 W
Number of Host Lane	1
Host lane speed per lane	28.9GBs PAM4
Number of media lane	1
Media lane speed per lane	28.9GBs PAM4
Host compliance	64GFC
Media compliance	64GFC-MM
Supported cables	HPE PremierFlex LC MM Cables – QK732A - HPE PremierFlex OM4 1m LC/LC FC Cable – QK733A - HPE PremierFlex OM4 2m LC/LC FC Cable – QK734A - HPE PremierFlex OM4 5m LC/LC FC Cable – QK735A - HPE PremierFlex OM4 15m LC/LC FC Cable – QK736A - HPE PremierFlex OM4 30m LC/LC FC Cable – QK737A - HPE PremierFlex OM4 50m LC/LC FC Cable – R9M64A - HPE Premier Flex Wide Band LC/LC Multi-mode OM5 100m Fiber Cable – R9M65A - HPE Premier Flex Wide Band LC/LC Multi-mode OM5 150m Fiber Cable – AJ833A - HPE OM3 .5m Multi-mode LC/LC FC Cable – AJ834A - HPE OM3 1m Multi-mode LC/LC FC Cable – AJ835A - HPE OM3 2m Multi-mode LC/LC FC – AJ836A - HPE OM3 5m Multi-mode LC/LC FC Cable – AJ837A - HPE OM3 15m Multi-mode LC/LC FC Cable – AJ838A - HPE OM3 30m Multi-mode LC/LC FC Cable – AJ839A - HPE OM3 50m Multi-mode LC/LC FC Cable

HPE 25/50GbE SFP56 SR 100m 1pk XCVR (R8M65A)

A 50-Gigabit transceiver in SFP56 form-factor that provides 50-Gbs or 25-Gbs connectivity up to 100m on using standard LC duplex connector with multi-mode fiber.

HPE PN#	R8M65A
Marketing description	HPE 25/50GbE SFP56 SR 100m 1pk XCVR

Commodity	Transceiver
Speeds	50Gbs
Form factor	SFP56
Technology	SW
Media	MMF
OM3 MMF Distance at max speed	70
OM4 MMF Distance at max speed	100
SMF distance at max speed	NA
Wavelength	850
Max temperature (°C)	70
Connector	LC
Latching	bail
Breakout capable	No
Transmitter power	-6.5 to 4 dbm
Receiver power	-8.4 to 4 dbm
Receiver sensitivity stressed	-3.4 dbm
Power consumption	2 W
Number of Host Lane	1
Host lane speed per lane	26.56GBs PAM4
Number of media lane	1
Media lane speed per lane	26.56GBs PAM4
Host compliance	50GAUI-1
Media compliance	50GBASE-SR
Supported cables	HPE PremierFlex LC MM Cables – QK732A - HPE PremierFlex OM4 1m LC/LC FC Cable – QK733A - HPE PremierFlex OM4 2m LC/LC FC Cable – QK734A - HPE PremierFlex OM4 5m LC/LC FC Cable – QK735A - HPE PremierFlex OM4 15m LC/LC FC Cable – QK736A - HPE PremierFlex OM4 30m LC/LC FC Cable – QK737A - HPE PremierFlex OM4 50m LC/LC FC Cable – R9M64A - HPE Premier Flex Wide Band LC/LC Multi-mode OM5 100m Fiber Cable – R9M65A - HPE Premier Flex Wide Band LC/LC Multi-mode OM5 150m Fiber Cable

HPE PN#	R8M65A
Supported cables	– AJ833A - HPE OM3 .5m Multi-mode LC/LC FC Cable – AJ834A - HPE OM3 1m Multi-mode LC/LC FC Cable – AJ835A - HPE OM3 2m Multi-mode LC/LC FC – AJ836A - HPE OM3 5m Multi-mode LC/LC FC Cable – AJ837A - HPE OM3 15m Multi-mode LC/LC FC Cable – AJ838A - HPE OM3 30m Multi-mode LC/LC FC Cable – AJ839A - HPE OM3 50m Multi-mode LC/LC FC Cable

HPE 32Gb SFP28 SW 1-pack Com Temp XCVR (P9H30A)

HPE PN#	P9H30A
Marketing description	HPE 32Gb SFP28 SW 1-pack Com Temp XCVR
Commodity	Transceiver
Technology	32G FC
Speeds	32G, 16G, 8G FC
Form factor	SFP28
Technology	SW
Media	MMF
OM3 MMF Distance (m)	70
OM4 MMF Distance (m)	100
SMF Distance (m)	NA
Wavelength	850

Max temperature (°C)	70
Connector	LC
Latching	bail
Breakout capable	No
Transmitter power	-6.2 to 2 dbm
Receiver power	-10.2 to 2 dbm
Power consumption	1 W
Number of Host Lane	1
Host lane speed	28.05Gbs NRZ
Number of media lane	1
Media lane speed	28.05Gbs NRZ
Host compliance	32GFC
Media compliance	32GFC-MM
Supported cables	HPE PremierFlex LC MM Cables – QK732A - HPE PremierFlex OM4 1m LC/LC FC Cable – QK733A - HPE PremierFlex OM4 2m LC/LC FC Cable – QK734A - HPE PremierFlex OM4 5m LC/LC FC Cable – QK735A - HPE PremierFlex OM4 15m LC/LC FC Cable – QK736A - HPE PremierFlex OM4 30m LC/LC FC Cable – QK737A - HPE PremierFlex OM4 50m LC/LC FC Cable

HPE PN#	P9H30A
Supported cables	– R9M64A - HPE Premier Flex Wide Band LC/LC Multi-mode OM5 100m Fiber Cable – R9M65A - HPE Premier Flex Wide Band LC/LC Multi-mode OM5 150m Fiber Cable – AJ833A - HPE OM3 .5m Multi-mode LC/LC FC Cable – AJ834A - HPE OM3 1m Multi-mode LC/LC FC Cable – AJ835A - HPE OM3 2m Multi-mode LC/LC FC – AJ836A - HPE OM3 5m Multi-mode LC/LC FC Cable – AJ837A - HPE OM3 15m Multi-mode LC/LC FC Cable – AJ838A - HPE OM3 30m Multi-mode LC/LC FC Cable – AJ839A - HPE OM3 50m Multi-mode LC/LC FC Cable

HPE 32Gb SFP28 SW E Temp 1-pack PT XCVR (Q2P62A)

HPE PN#	Q2P62A
Marketing description	HPE 32Gb SFP28 SW E Temp 1-pack PT XCVR
Commodity	Transceiver
Technology	32G FC
Speeds	32G, 16G, 8G FC
Form factor	SFP28
Technology	SW
Media	MMF
OM3 MMF Distance (m)	70
OM4 MMF Distance (m)	100
SMF Distance (m)	NA
Wavelength	850
Max temperature (°C)	85 C
Connector	LC
Latching	pull tab
Breakout capable	No
Transmitter power	-6.2 to 2 dbm
Receiver power	-10.2 to 2 dbm
Power consumption	1 W
Number of Host Lane	1
Host lane speed	28.05Gbs NRZ
Number of media lane	1

Media lane speed	28.05Gbs NRZ
Host compliance	32GFC
Media compliance	32GFC-MM

HPE PN#	Q2P62A
Supported cables	HPE PremierFlex LC MM Cables – QK732A - HPE PremierFlex OM4 1m LC/LC FC Cable – QK733A - HPE PremierFlex OM4 2m LC/LC FC Cable – QK734A - HPE PremierFlex OM4 5m LC/LC FC Cable – QK735A - HPE PremierFlex OM4 15m LC/LC FC Cable – QK736A - HPE PremierFlex OM4 30m LC/LC FC Cable – QK737A - HPE PremierFlex OM4 50m LC/LC FC Cable – R9M64A - HPE Premier Flex Wide Band LC/LC Multi-mode OM5 100m Fiber Cable – R9M65A - HPE Premier Flex Wide Band LC/LC Multi-mode OM5 150m Fiber Cable – AJ833A - HPE OM3 .5m Multi-mode LC/LC FC Cable – AJ834A - HPE OM3 1m Multi-mode LC/LC FC Cable – AJ835A - HPE OM3 2m Multi-mode LC/LC FC – AJ836A - HPE OM3 5m Multi-mode LC/LC FC Cable – AJ837A - HPE OM3 15m Multi-mode LC/LC FC Cable – AJ838A - HPE OM3 30m Multi-mode LC/LC FC Cable – AJ839A - HPE OM3 50m Multi-mode LC/LC FC Cable

HPE 32GB SFP28 LW 10km 1-PACK XCVR (R4D50A)

HPE PN#	R4D50A
Marketing description	HPE 32Gb SFP28 LW 10km XCVR
Commodity	Transceiver
Technology	32G FC
Speeds	32G, 16G, 8G FC
Form factor	SFP28
Technology	LW
Media	SMF
OM3 MMF Distance (m)	NA
OM4 MMF Distance (m)	NA
SMF Distance (m)	10,000
Wavelength	1310
Max temperature (°C)	70
Connector	LC
Latching	bail
Breakout capable	No
Transmitter power	-5 to 2 dbm
Receiver power	-11.4 to 2 dbm
Power consumption	1.5 W
Number of Host Lane	1
Host lane speed	28.05Gbs NRZ
Number of media lane	1
HPE PN#	R4D50A
Media lane speed	28.05Gbs NRZ
Host compliance	32GFC
Media compliance	32GFC-SM
Supported cables	HPE LC/LC SM Cable – AK345A - HPE 2m Single Mode LC/LC FC Cable – AK346A - HPE 5m Single Mode LC/LC FC Cable

HPE 25Gb SFP28 SR 100m Transceiver (Q2P64A)

A 25-Gigabit transceiver in SFP28 form-factor that supports the SR standard, providing 25-Gigabit connectivity up to 100m on multi-mode fiber. Up to 70m (OM3); up to 100m (OM4).

HPE PN#	Q2P64B
Marketing description	HPE 25Gb SFP28 SW E Temp 1-pack PT XCVR
Commodity	Transceiver
Speeds	25.78Gbs
Form factor	SFP+
Technology	SW
Media	MMF
OM3 MMF Distance	70
OM4 MMF Distance	100
SMF distance	NA
Wavelength	850
Max temperature (°C)	85 C
Connector	LC
Latching	pull tab
Breakout capable	No
Transmitter power	-8.4 to 2.4 dbm
Receiver power	-10.3 to 2.4 dbm
Receiver sensitivity	-5.2 dbm
Power consumption	1 W
Number of Host Lane	1
Host lane speed	25Gbs NRZ
Number of media lane	1
Media lane speed	25Gbs NRZ
Host compliance	25GAUI C2M
Media compliance	25GBASE-SR

HPE PN#	Q2P64B
Supported cables	HPE PremierFlex LC MM Cables – QK732A - HPE PremierFlex OM4 1m LC/LC FC Cable – QK733A - HPE PremierFlex OM4 2m LC/LC FC Cable – QK734A - HPE PremierFlex OM4 5m LC/LC FC Cable – QK735A - HPE PremierFlex OM4 15m LC/LC FC Cable – QK736A - HPE PremierFlex OM4 30m LC/LC FC Cable – QK737A - HPE PremierFlex OM4 50m LC/LC FC Cable – R9M64A - HPE Premier Flex Wide Band LC/LC Multi-mode OM5 100m Fiber Cable – R9M65A - HPE Premier Flex Wide Band LC/LC Multi-mode OM5 150m Fiber Cable – AJ833A - HPE OM3 .5m Multi-mode LC/LC FC Cable – AJ834A - HPE OM3 1m Multi-mode LC/LC FC Cable – AJ835A - HPE OM3 2m Multi-mode LC/LC FC – AJ836A - HPE OM3 5m Multi-mode LC/LC FC Cable – AJ837A - HPE OM3 15m Multi-mode LC/LC FC Cable – AJ838A - HPE OM3 30m Multi-mode LC/LC FC Cable – AJ839A - HPE OM3 50m Multi-mode LC/LC FC Cable

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HPE 25Gb SFP28 SR 30m XCVR (R0R42A)

A 25-Gigabit transceiver in SFP28 form-factor that supports the SR standard, providing 25-Gigabit FEC-free on host: BER 10E-12 connectivity up to 40m on multi-mode fiber. Up to 30m (OM3); up to 40m (OM4).

HPE PN#	R0R42A
Marketing description	HPE 25Gb SFP28 SR 30m XCVR
Commodity	Transceiver
Speeds	25.78Gbs

Form factor	SFP+
Technology	SW
Media	MMF
OM3 MMF Distance	30
OM4 MMF Distance	30
SMF distance	NA
Wavelength	850
Max temperature (°C)	70
Connector	LC
Latching	bail
Breakout capable	No
Transmitter power	-8.4 to 2.4 dbm
Receiver power	-10.3 to 2.4 dbm
Power consumption	1 W
Number of Host Lane	1
HPE PN#	R0R42A
Host lane speed	25Gbs NRZ
Number of media lane	1
Media lane speed	25Gbs NRZ
Host compliance	25GAUI C2M
Media compliance	25GBASE-SR
Supported cables	HPE PremierFlex LC MM Cables – QK732A - HPE PremierFlex OM4 1m LC/LC FC Cable – QK733A - HPE PremierFlex OM4 2m LC/LC FC Cable – QK734A - HPE PremierFlex OM4 5m LC/LC FC Cable – QK735A - HPE PremierFlex OM4 15m LC/LC FC Cable – QK736A - HPE PremierFlex OM4 30m LC/LC FC Cable – QK737A - HPE PremierFlex OM4 50m LC/LC FC Cable – R9M64A - HPE Premier Flex Wide Band LC/LC Multi-mode OM5 100m Fiber Cable – R9M65A - HPE Premier Flex Wide Band LC/LC Multi-mode OM5 150m Fiber Cable – AJ833A - HPE OM3 .5m Multi-mode LC/LC FC Cable – AJ834A - HPE OM3 1m Multi-mode LC/LC FC Cable – AJ835A - HPE OM3 2m Multi-mode LC/LC FC – AJ836A - HPE OM3 5m Multi-mode LC/LC FC Cable – AJ837A - HPE OM3 15m Multi-mode LC/LC FC Cable – AJ838A - HPE OM3 30m Multi-mode LC/LC FC Cable – AJ839A - HPE OM3 50m Multi-mode LC/LC FC Cable

HPE 25GbE SFP28 LR 10km 1-pack Extended Temperature Pull Tab Transceiver (S6B58A)

A 25-Gigabit transceiver in SFP28 form-factor that supports the LR standard, providing 25-Gigabit connectivity up to 10km on single-mode fiber.

HPE PN#	S6B58A
Marketing description	HPE 25G SFP28 LR 10km 1pk E-Temp PT XCVR
Commodity	Transceiver
Speeds	25.78Gbs
Form factor	SFP+
Technology	LW
Media	SMF
OM3 MMF Distance	NA
OM4 MMF Distance	NA
SMF distance	10000
Wavelength	1310
Max temperature (°C)	85 C
Connector	LC

HPE PN#	S6B58A
Latching	pull tab
Breakout capable	No
Transmitter power	-4.3 to 4.5 dbm
Receiver power	-10.6 to 4.5 dbm
Receiver sensitivity	-12 dbm
Power consumption	1 W
Number of Host Lane	1
Host lane speed	25Gbs NRZ
Number of media lane	1
Media lane speed	25Gbs NRZ
Host compliance	25GAUI C2M
Media compliance	25GBASE-LR
Supported cables	HPE LC/LC SM Cable – AK345A - HPE 2m Single Mode LC/LC FC Cable – AK346A - HPE 5m Single Mode LC/LC FC Cable

HPE 25GbE SFP28 to SFP28 Smart AOC (Q9S67A 3m Q9S68A 5m Q9S69A 10m Q9S70A 15m)

A 25-Gigabit Active Optical cable in SFP28 form-factor that supports the SR standard, providing 25-Gigabit connectivity on multi-mode fiber.

HPE PN# and description	Q9S67A - HPE 25GbE SFP28 to SFP28 3m Smart AOC Q9S68A - HPE 25GbE SFP28 to SFP28 5m Smart AOC Q9S69A - HPE 25GbE SFP28 to SFP28 10m Smart AOC Q9S70A - HPE 25GbE SFP28 to SFP28 15m Smart AOC
Commodity	AOC
Speeds	25.78Gbs
Form factor	SFP+
Technology	SW
Media	MMF
Length (m)	3, 5,10,15
Wavelength	850
Max temperature (°C)	70
Connector	NA
Latching	pull tab
Breakout capable	No
Transmitter power	NA
Receiver power	NA
Power consumption	1 W
Number of Host Lane	1
Host lane speed per lane	25Gbs NRZ
HPE PN# and description	Q9S67A - HPE 25GbE SFP28 to SFP28 3m Smart AOC Q9S68A - HPE 25GbE SFP28 to SFP28 5m Smart AOC Q9S69A - HPE 25GbE SFP28 to SFP28 10m Smart AOC Q9S70A - HPE 25GbE SFP28 to SFP28 15m Smart AOC
Number of media lane	1
Media lane speed per lane	25Gbs NRZ
Host compliance	25GAUI C2M
Media compliance	25GBASE-SR

HPE 25GbE SFP28/SFP28 DAC (R4G18A, R4G19A)

A 25-Gigabit transceiver in SFP28 form-factor providing 25-Gigabit connectivity with copper cables

HPE PN# and description	R4G18A - HPE M-series 25Gb SFP28/SFP28 0.5m DAC

	R4G19A - HPE M-series 25Gb SFP28/SFP28 1m DAC
Commodity	DAC
Technology	25G E
Speeds	25.78Gbs
Form factor	SFP+
Technology	DAC
Media	Twinax copper
Length (m)	0.5m, 1m
Max temperature (°C)	70
Connector	NA
Latching	pull tab
Breakout capable	No
Power consumption	0.1 W
Number of Host Lane	1
Host lane speed per lane	25Gbs NRZ
Number of media lane	1
Media lane speed per lane	25Gbs NRZ
Host compliance	25GAUI C2M
Media compliance	Copper cable
Supported cables	HPE PremierFlex LC MM Cables – QK732A - HPE PremierFlex OM4 1m LC/LC FC Cable – QK733A - HPE PremierFlex OM4 2m LC/LC FC Cable – QK734A - HPE PremierFlex OM4 5m LC/LC FC Cable – QK735A - HPE PremierFlex OM4 15m LC/LC FC Cable – QK736A - HPE PremierFlex OM4 30m LC/LC FC Cable – QK737A - HPE PremierFlex OM4 50m LC/LC FC Cable – R9M64A - HPE Premier Flex Wide Band LC/LC Multi-mode OM5 100m Fiber Cable – R9M65A - HPE Premier Flex Wide Band LC/LC Multi-mode OM5 150m Fiber Cable
HPE PN# and description	R4G18A - HPE M-series 25Gb SFP28/SFP28 0.5m DAC R4G19A - HPE M-series 25Gb SFP28/SFP28 1m DAC
Supported cables	– AJ833A - HPE OM3 .5m Multi-mode LC/LC FC Cable – AJ834A - HPE OM3 1m Multi-mode LC/LC FC Cable – AJ835A - HPE OM3 2m Multi-mode LC/LC FC – AJ836A - HPE OM3 5m Multi-mode LC/LC FC Cable – AJ837A - HPE OM3 15m Multi-mode LC/LC FC Cable – AJ838A - HPE OM3 30m Multi-mode LC/LC FC Cable – AJ839A - HPE OM3 50m Multi-mode LC/LC FC Cable

HPE 16Gb SW Extended Temp SFP+ Transceiver (E7Y09A)

HPE PN#	E7Y09A
Marketing description	HPE 16Gb SFP+ SW 1-pack I Temp Ext XCVR
Commodity	Transceiver
Speeds	16G, 8G, 4G FC
Form factor	SFP+
Technology	SW
Media	MMF
OM3 MMF Distance	100
OM4 MMF Distance	125
Wavelength	850
Max temperature (°C)	85 C
Connector	LC
Latching	bail
Breakout capable	No

Transmitter power	-7.8 to 0 dbm
Receiver power	-10.5 to 0 dbm
Power consumption	1 W
Number of Host Lane	1
Host lane speed	16Gbs NRZ
Number of media lane	1
Media lane speed	16Gbs NRZ
Host compliance	16GFC
Media compliance	16GFC-MM
Supported cables	HPE PremierFlex LC MM Cables – QK732A - HPE PremierFlex OM4 1m LC/LC FC Cable – QK733A - HPE PremierFlex OM4 2m LC/LC FC Cable – QK734A - HPE PremierFlex OM4 5m LC/LC FC Cable – QK735A - HPE PremierFlex OM4 15m LC/LC FC Cable – QK736A - HPE PremierFlex OM4 30m LC/LC FC Cable – QK737A - HPE PremierFlex OM4 50m LC/LC FC Cable

HPE PN#	E7Y09A
Supported cables	– R9M64A - HPE Premier Flex Wide Band LC/LC Multi-mode OM5 100m Fiber Cable – R9M65A - HPE Premier Flex Wide Band LC/LC Multi-mode OM5 150m Fiber Cable – AJ833A - HPE OM3 .5m Multi-mode LC/LC FC Cable – AJ834A - HPE OM3 1m Multi-mode LC/LC FC Cable – AJ835A - HPE OM3 2m Multi-mode LC/LC FC – AJ836A - HPE OM3 5m Multi-mode LC/LC FC Cable – AJ837A - HPE OM3 15m Multi-mode LC/LC FC Cable – AJ838A - HPE OM3 30m Multi-mode LC/LC FC Cable – AJ839A - HPE OM3 50m Multi-mode LC/LC FC Cable

HPE 16Gb SW C Temp (0-70 C) SFP+ Transceiver (E7Y10A)

HPE PN#	E7Y10A
Marketing description	HPE 16Gb SFP+ SW 1-pack Commercial XCVR
Commodity	Transceiver
Speeds	16G, 8G, 4G FC
Form factor	SFP+
Technology	SW
Media	MMF
OM3 MMF Distance	100
OM4 MMF Distance	125
Wavelength	850
Max temperature (°C)	70
Connector	LC
Latching	bail
Breakout capable	No
Transmitter power	-7.8 to 0 dbm
Receiver power	-10.5 to 0 dbm
Power consumption	1 W
Number of Host Lane	1
Host lane speed	16Gbs NRZ
Number of media lane	1
Media lane speed	16Gbs NRZ
Host compliance	16GFC
Media compliance	16GFC-MM
Supported cables	HPE PremierFlex LC MM Cables

	– QK732A - HPE PremierFlex OM4 1m LC/LC FC Cable – QK733A - HPE PremierFlex OM4 2m LC/LC FC Cable – QK734A - HPE PremierFlex OM4 5m LC/LC FC Cable – QK735A - HPE PremierFlex OM4 15m LC/LC FC Cable – QK736A - HPE PremierFlex OM4 30m LC/LC FC Cable – QK737A - HPE PremierFlex OM4 50m LC/LC FC Cable
HPE PN#	E7Y10A
Supported cables	– R9M64A - HPE Premier Flex Wide Band LC/LC Multi-mode OM5 100m Fiber Cable – R9M65A - HPE Premier Flex Wide Band LC/LC Multi-mode OM5 150m Fiber Cable – AJ833A - HPE OM3 .5m Multi-mode LC/LC FC Cable – AJ834A - HPE OM3 1m Multi-mode LC/LC FC Cable – AJ835A - HPE OM3 2m Multi-mode LC/LC FC – AJ836A - HPE OM3 5m Multi-mode LC/LC FC Cable – AJ837A - HPE OM3 15m Multi-mode LC/LC FC Cable – AJ838A - HPE OM3 30m Multi-mode LC/LC FC Cable – AJ839A - HPE OM3 50m Multi-mode LC/LC FC Cable

HPE 16Gb FC/10GbE 100m SFP+ Transceiver (H6Z42A)

HPE PN#	H6Z42A
Marketing description	HPE 16Gb FC/10GbE 100m SFP+ XCVR
Commodity	Transceiver
Speeds	16G, 8G, 4G FC
Form factor	SFP+
Technology	SW
Media	MMF
OM3 MMF Distance	100
OM4 MMF Distance	125
Wavelength	850
Max temperature (°C)	70
Connector	LC
Latching	bail
Breakout capable	No
Transmitter power	-7.8 to 0 dbm
Receiver power	-10.5 to 0 dbm
Power consumption	1 W
Number of Host Lane	1
Host lane speed	16Gbs NRZ
Number of media lane	1
Media lane speed	16Gbs NRZ
Host compliance	16GFC
Media compliance	16GFC-MM
Supported cables	HPE PremierFlex LC MM Cables – QK732A - HPE PremierFlex OM4 1m LC/LC FC Cable – QK733A - HPE PremierFlex OM4 2m LC/LC FC Cable – QK734A - HPE PremierFlex OM4 5m LC/LC FC Cable – QK735A - HPE PremierFlex OM4 15m LC/LC FC Cable – QK736A - HPE PremierFlex OM4 30m LC/LC FC Cable – QK737A - HPE PremierFlex OM4 50m LC/LC FC Cable
HPE PN#	H6Z42A
Supported cables	– R9M64A - HPE Premier Flex Wide Band LC/LC Multi-mode OM5 100m Fiber Cable

	– R9M65A - HPE Premier Flex Wide Band LC/LC Multi-mode OM5 150m Fiber Cable – AJ833A - HPE OM3 .5m Multi-mode LC/LC FC Cable – AJ834A - HPE OM3 1m Multi-mode LC/LC FC Cable – AJ835A - HPE OM3 2m Multi-mode LC/LC FC – AJ836A - HPE OM3 5m Multi-mode LC/LC FC Cable – AJ837A - HPE OM3 15m Multi-mode LC/LC FC Cable – AJ838A - HPE OM3 30m Multi-mode LC/LC FC Cable – AJ839A - HPE OM3 50m Multi-mode LC/LC FC Cable

HPE 16Gb SFP+ SW E Temp 1-pack PT XCVR (Q2P63A)

HPE PN#	Q2P63A
Marketing description	HPE 16Gb SFP+ SW E Temp 1-pack PT XCVR
Commodity	Transceiver
Speeds	16G, 8G, 4G FC
Form factor	SFP+
Technology	SW
Media	MMF
OM3 MMF Distance	100
OM4 MMF Distance	125
Wavelength	850
Max temperature (°C)	85 C
Connector	LC
Latching	pull tab
Breakout capable	No
Transmitter power	-7.8 to 0 dbm
Receiver power	-10.5 to 0 dbm
Power consumption	1 W
Number of Host Lane	1
Host lane speed	16Gbs NRZ
Number of media lane	1
Media lane speed	16Gbs NRZ
Host compliance	16GFC
Media compliance	16GFC-MM
Supported cables	HPE PremierFlex LC MM Cables – QK732A - HPE PremierFlex OM4 1m LC/LC FC Cable – QK733A - HPE PremierFlex OM4 2m LC/LC FC Cable – QK734A - HPE PremierFlex OM4 5m LC/LC FC Cable – QK735A - HPE PremierFlex OM4 15m LC/LC FC Cable – QK736A - HPE PremierFlex OM4 30m LC/LC FC Cable – QK737A - HPE PremierFlex OM4 50m LC/LC FC Cable
HPE PN#	Q2P63A
Supported cables	– R9M64A - HPE Premier Flex Wide Band LC/LC Multi-mode OM5 100m Fiber Cable – R9M65A - HPE Premier Flex Wide Band LC/LC Multi-mode OM5 150m Fiber Cable – AJ833A - HPE OM3 .5m Multi-mode LC/LC FC Cable – AJ834A - HPE OM3 1m Multi-mode LC/LC FC Cable – AJ835A - HPE OM3 2m Multi-mode LC/LC FC – AJ836A - HPE OM3 5m Multi-mode LC/LC FC Cable – AJ837A - HPE OM3 15m Multi-mode LC/LC FC Cable – AJ838A - HPE OM3 30m Multi-mode LC/LC FC Cable – AJ839A - HPE OM3 50m Multi-mode LC/LC FC Cable

HPE 16Gb SFP+ LW 10km XCVR (R4D49A)

HPE PN#	R4D49A
Marketing description	HPE 16Gb SFP+ LW 10km XCVR
Commodity	Transceiver
Speeds	16G, 8G, 4G FC
Form factor	SFP+
Technology	LW
Media	SMF
SMF distance at max speed	10000
Wavelength	1310
Max temperature (°C)	70
Connector	LC
Latching	bail
Breakout capable	No
Transmitter power	-5 to 2 dbm
Receiver power	-12 to 2 dbm
Power consumption	1 W
Number of Host Lane	1
Host lane speed per lane	16Gbs NRZ
Number of media lane	1
Media lane speed per lane	16Gbs NRZ
Host compliance	16GFC
Media compliance	16GFC-SM
Supported cables	HPE LC/LC SM Cable – AK345A - HPE 2m Single Mode LC/LC FC Cable – AK346A - HPE 5m Single Mode LC/LC FC Cable

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HPE 10Gb SFP+ SW E Temp 1-pack PT XCVR (Q2P65A)

HPE PN#	Q2P65A
Marketing description	HPE 10Gb SFP+ SW E Temp 1-pack PT XCVR
Commodity	Transceiver
Technology	10G E
Speeds	10Gbs
Form factor	SFP+
Technology	SW
Media	MMF
OM3 MMF Distance	300
OM4 MMF Distance	380
Wavelength	850
Max temperature (°C)	85 C
Connector	LC
Latching	pull tab
Breakout capable	No
Transmitter power	-7.3 to -1 dbm
Receiver power	-10 to -1 dbm
Power consumption	1 W
Number of Host Lane	1
Host lane speed per lane	10Gbs NRZ
Number of media lane	1
Media lane speed per lane	10Gbs NRZ
Host compliance	SFI
Media compliance	10GBASE-SR
Supported cables	HPE PremierFlex LC MM Cables – QK732A - HPE PremierFlex OM4 1m LC/LC FC Cable

	– QK733A - HPE PremierFlex OM4 2m LC/LC FC Cable – QK734A - HPE PremierFlex OM4 5m LC/LC FC Cable – QK735A - HPE PremierFlex OM4 15m LC/LC FC Cable – QK736A - HPE PremierFlex OM4 30m LC/LC FC Cable – QK737A - HPE PremierFlex OM4 50m LC/LC FC Cable – R9M64A - HPE Premier Flex Wide Band LC/LC Multi-mode OM5 100m Fiber Cable – R9M65A - HPE Premier Flex Wide Band LC/LC Multi-mode OM5 150m Fiber Cable – AJ833A - HPE OM3 .5m Multi-mode LC/LC FC Cable – AJ834A - HPE OM3 1m Multi-mode LC/LC FC Cable – AJ835A - HPE OM3 2m Multi-mode LC/LC FC – AJ836A - HPE OM3 5m Multi-mode LC/LC FC Cable – AJ837A - HPE OM3 15m Multi-mode LC/LC FC Cable – AJ838A - HPE OM3 30m Multi-mode LC/LC FC Cable – AJ839A - HPE OM3 50m Multi-mode LC/LC FC Cable

HPE 10GbE SFP+ SR 300m XCVR (Q6M30A)

HPE PN#	Q6M30A
Marketing description	HPE M-series 10GbE SFP+ SR 300m XCVR
Commodity	Transceiver
Technology	10G E
Speeds	10Gbs
Form factor	SFP+
Technology	SW
Media	MMF
OM3 MMF Distance	300
OM4 MMF Distance	380
Wavelength	850
Max temperature (°C)	70
Connector	LC
Latching	bail
Breakout capable	No
Transmitter power	-7.3 to -1 dbm
Receiver power	-10 to -1 dbm
Power consumption	1 W
Number of Host Lane	1
Host lane speed per lane	10Gbs NRZ
Number of media lane	1
Media lane speed per lane	10Gbs NRZ
Host compliance	SFI
Media compliance	10GBASE-SR
Supported cables	HPE PremierFlex LC MM Cables – QK732A - HPE PremierFlex OM4 1m LC/LC FC Cable – QK733A - HPE PremierFlex OM4 2m LC/LC FC Cable – QK734A - HPE PremierFlex OM4 5m LC/LC FC Cable – QK735A - HPE PremierFlex OM4 15m LC/LC FC Cable – QK736A - HPE PremierFlex OM4 30m LC/LC FC Cable – QK737A - HPE PremierFlex OM4 50m LC/LC FC Cable – R9M64A - HPE Premier Flex Wide Band LC/LC Multi-mode OM5 100m Fiber Cable – R9M65A - HPE Premier Flex Wide Band LC/LC Multi-mode OM5 150m Fiber Cable

	– AJ833A - HPE OM3 .5m Multi-mode LC/LC FC Cable – AJ834A - HPE OM3 1m Multi-mode LC/LC FC Cable – AJ835A - HPE OM3 2m Multi-mode LC/LC FC – AJ836A - HPE OM3 5m Multi-mode LC/LC FC Cable – AJ837A - HPE OM3 15m Multi-mode LC/LC FC Cable – AJ838A - HPE OM3 30m Multi-mode LC/LC FC Cable – AJ839A - HPE OM3 50m Multi-mode LC/LC FC Cable

HPE 10G SFP+ LR 10km 1pk E-Temp PT XCVR (S6B57A)

HPE PN#	S6B57A
Marketing description	HPE 10G SFP+ LR 10km 1pk E-Temp PT XCVR
Commodity	Transceiver
Technology	10G E
Speeds	10Gbs
Form factor	SFP+
Technology	SW
Media	SMF
SMF distance at max speed	10000
Wavelength	1310
Max temperature (°C)	85 C
Connector	LC
Latching	pull tab
Breakout capable	No
Transmitter power	-8.2 to 0.5 dbm
Receiver power	-14 to 0.5 dbm
Power consumption	1 W
Number of Host Lane	1
Host lane speed per lane	10Gbs NRZ
Number of media lane	1
Media lane speed per lane	10Gbs NRZ
Host compliance	SFI
Media compliance	10GBASE-LR
Supported cables	HPE LC/LC SM Cable – AK345A - HPE 2m Single Mode LC/LC FC Cable – AK346A - HPE 5m Single Mode LC/LC FC Cable

HPE 10GBASE-T SFP+ RJ45 30m Transceiver (R0R41B)

HPE PN#	R0R41B
Marketing description	HPE 10GBASE-T SFP+ RJ45 30m XCVR
Commodity	Transceiver
Speeds	10Gbs
Form factor	SFP+
Technology	RJ-45
Media	Cat6a
Max Distance	30m
Wavelength	NA
Max temperature (°C)	70
Connector	RJ45
Latching	bail
Breakout capable	No
Transmitter power	NA
HPE PN#	R0R41B
Receiver power	NA

Power consumption	1.5 W
Number of Host Lane	1
Host lane speed per lane	10Gbs NRZ
Number of media lane	4
Media lane speed per lane	0.8GBs PAM6
Host compliance	10GBASE-T
Media compliance	10GBASE-T

HPE 8Gb SW SFP+ Transceiver (AJ718A)

HPE PN#	AJ718A
Marketing description	HPE 8Gb Short Wave FC SFP+ 1 Pack
Commodity	Transceiver
Technology	8G FC
Speeds	8.5, 4.25, 1.125
Form factor	SFP+
Technology	SW
Media	MMF
OM3 MMF Distance at max speed	150
OM4 MMF Distance at max speed	190
SMF distance at max speed	NA
Wavelength	850
Max temperature (°C)	70
Connector	LC
Latching	bail
Breakout capable	No
Transmitter power	-8.2 to 0 dbm
Receiver power	-11.2 to 0 dbm
Power consumption	1 W
Number of Host Lane	1
Host lane speed per lane	8.5Gbs NRZ
Number of media lane	1
Media lane speed per lane	8.5Gbs NRZ
Host compliance	8GFC
Media compliance	8GFC-MM
Supported cables	HPE PremierFlex LC MM Cables – QK732A - HPE PremierFlex OM4 1m LC/LC FC Cable – QK733A - HPE PremierFlex OM4 2m LC/LC FC Cable – QK734A - HPE PremierFlex OM4 5m LC/LC FC Cable – QK735A - HPE PremierFlex OM4 15m LC/LC FC Cable – QK736A - HPE PremierFlex OM4 30m LC/LC FC Cable – QK737A - HPE PremierFlex OM4 50m LC/LC FC Cable

HPE PN#	AJ718A
Supported cables	– R9M64A - HPE Premier Flex Wide Band LC/LC Multi-mode OM5 100m Fiber Cable – R9M65A - HPE Premier Flex Wide Band LC/LC Multi-mode OM5 150m Fiber Cable – AJ833A - HPE OM3 .5m Multi-mode LC/LC FC Cable – AJ834A - HPE OM3 1m Multi-mode LC/LC FC Cable – AJ835A - HPE OM3 2m Multi-mode LC/LC FC – AJ836A - HPE OM3 5m Multi-mode LC/LC FC Cable – AJ837A - HPE OM3 15m Multi-mode LC/LC FC Cable – AJ838A - HPE OM3 30m Multi-mode LC/LC FC Cable – AJ839A - HPE OM3 50m Multi-mode LC/LC FC Cable

Summary of Changes

Date	Version History	Action	Description of Change
06-Jul-2026	Version 19	Changed	SKUs description for S6B54A and S6B55A were corrected on Table 1 - HPE Transceivers, Active Optical Cables (AOC) and Direct Attached Cable (DAC).
01-Jun-2026	Version 18	Changed	This version of QuickSpecs introduces a major update to the HPE Networking Transceiver Options portfolio, with a special emphasis on high-speed Ethernet, AI, and HPC. Main changes: – Expanded transceiver portfolio to cover speeds from 8Gb to 400Gb, including new QSFP56, QSFP-DD, QSFP112 and OSFP options, as well as DAC and AOC solutions in multiple lengths. – Incorporation of AI and HPC-oriented Ethernet transceivers (Spectrum-X), with support for Breakout and aggregation scenarios (e.g., 400Gb to 2×200Gb, 4×100Gb and 8×50Gb). – Addition of detailed technical tables consolidating key specifications such as power consumption, range, media type (MMF/SMF/copper), operating temperature and TX/RX power. – Inclusion of extended datasheets for 200Gb and 400Gb transceivers, aligned with current MSA standards (CMIS 4.0, QSFP-DD, QSFP112 and OSFP).
		Added	New SKUs added - AJ718A, Q2P65A, E7Y09A, E7Y10A, Q2P63A, H6Z42A, R4D49A, R4G18A, R4G19A, P9H30A, Q2P62A, R4D50A, R8M65A, R8F87A, S2T34A, S6B56A, R8M63A, S6B51A, S6B52A, S6B53A, S6B54A, S6B55A, S6B59A, S6B60A, S6B61A, S6B62A.
		Removed	Obsolete or not supported SKU removed - S6B51A, R4D49A.
16-Mar-2026	Version 17	Added	New models added in Overview section: P89421-B21, P89422-B21, P89423-B21
06-Oct-2025	Version 16	Changed	Overview and Technical Specifications sections were updated - Added new 10GbE, 25GbE, 200GbE, & 400GbE transceivers and AOCs
		Added	New SKUs were added - S6B57A, S6B58A, S6B63A, S6B51A, S6B53A, S6B59A, S6B60A
		Removed	Obsolete SKU removed - R8M62A
05-Feb-2024	Version 15	Changed	Overview and Technical Specifications sections were updated
13-Nov-2023	Version 14	Changed	HPE Services Rebranding
19-Jun-2023	Version 13	Changed	Overview section was updated
01-May-2023	Version 12	Changed	Overview and Technical Specifications sections were updated
16-Jan-2023	Version 11	Changed	Technical Specifications section was updated
03-Oct-2022	Version 10	Changed	Overview and Technical Specifications sections were updated
07-Feb-2022	Version 9	Changed	Overview and Technical Specifications sections were updated.
04-May-2021	Version 8	Changed	Overview and Technical Specifications sections were updated.
01-Mar-2021	Version 7	Changed	Overview and Technical Specifications sections were updated.
03-Aug-2020	Version 6	Changed	QuickSpecs layout was updated and Branding Refresh was applied.
06-Apr-2020	Version 5	Changed	Added 25GbE 1m and 0.5m DAC
01-Jul-2019	Version 4	Changed	Overview and Technical Specifications sections were updated

Date	Version History	Action	Description of Change
04-Sep-2018	Version 3	Added	Added new cables (DAC & AOC).
04-Dec-2017	Version 2	Added	Added new 25GbE and 100GbE transceivers.
25-Sep-2017	Version 1	New	New QuickSpecs.

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