

QSFP56 & QSFP28-DD 200G

Product Guide

QSFP56-200G (4x53.125G PAM4)										
Part Number	Wavelength per Lane (nm)		Media	Reach	Description	Avg. TX Power/Lane (dBm)		Avg. RX Power/Lane (dBm)		Max Power (watts)
						[min]	[max]	[min]	[max]	
QSFP56-SR4-200GD	850		MMF	100m (OM3)	QSFP56, 850nm, SR4 MMF MPO-12 100m, 200G/InfiniBand DDM	-6.5	4	-8.4	4	5
QSFP56-FR4-200GD	L0	1271	SMF	2km	QSFP56, 1310nm, FR4 SMF 2km Duplex LC, 15-65C, 200G DDM	-4.2	4.7	-8.2	4.7	6.5
	L1	1291								
	L2	1311								
	L3	1331								
QSFP56-LR4-200GD	L0	1295	SMF	10km	QSFP56, 1310nm, LR4 SMF 10km Duplex LC, 200G DDM	-3.4	5.3	-8.2	4.7	6.5
	L1	1300								
	L2	1305								
	L3	1310								

QSFP28-DD-200G (2x100G)										
Part Number	Wavelength per Lane (nm)		Media	Reach	Description	Avg. TX Power/Lane (dBm)		Avg. RX Power/Lane (dBm)		Max Power (watts)
						[min]	[max]	[min]	[max]	
QSFP28-DD-2XCWDM4	2xL0	1271	SMF	2km	QSFP28-DD, 1310nm, CWDM4 SMF 2km (FEC), 2x100G DDM, Dual CS Interface	-6.5	2.5	-11.5	2.5	8
	2xL1	1291								
	2xL2	1311								
	2xL3	1331								
QSFP28-DD-2XLR4	2xL0	1295	SMF	10km	QSFP28-DD, 1310nm, LR4 SMF 10km, 2x100G DDM, Dual CS Interface	-4.3	4.5	-10.6	4.5	8
	2xL1	1300								
	2xL2	1305								
	2xL3	1310								

200G-DAC (Copper Cable)		
Cable Type	Description	Lengths
QSFP56 to QSFP56	QSFP56 to QSFP56, CR4 200G, Xm Passive Copper Cable	up to 3m
QSFP56 to 2xQSFP56	QSFP56 to 2xQSFP56 (100G), CR4 200G, Xm Passive Copper Cable	up to 3m
QSFP56 to 4xSFP56	QSFP56 to 4xSFP56 (50G), CR4 200G, Xm Passive Copper Cable	up to 3m
QSFP28-DD to 2xQSFP28	QSFP28-DD to 2xQSFP28 (100G) NRZ, CR4 200G, Xm Passive Copper Cable	up to 3m
QSFP28-DD to 8xSFP28	QSFP28-DD to 8xSFP28 (25G), CR8 200G, Xm Passive Copper Cable	up to 3m

200G-AOC (Fiber Cable)		
Cable Type	Description	Lengths
QSFP56 to QSFP56	QSFP56 to QSFP56, SR4 200G, Xm Active Optical Cable	up to 100m
QSFP56 to 2xQSFP56	QSFP56 to 2xQSFP56 (100G), SR4 200G, Xm Active Optical Cable	up to 100m
QSFP56 to 4xSFP56	QSFP56 to 4xSFP56 (50G), SR4 200G, Xm Active Optical Cable	up to 100m
QSFP28-DD to 2xQSFP28	QSFP28-DD to 2xQSFP28 (100G), SR4 200G, Xm Active Optical Cable	up to 100m
QSFP28-DD to 8xSFP28	QSFP28-DD to 8xSFP28 (25G), SR8 200G, Xm Active Optical Cable	up to 100m