

100G PSM4 QSFP28



100G QSFP28 PSM4 500 4

25Gbps 4 1310nm 8

DFB 4 LC PIN QSFP+

1310nm DFB 25.8Gbps

4 /

3.5W 0-70

RoHS6

100G

QSFP28:SFF-8665,SFF-8679, SFF-8636
IEEE802.3bm
100G PSM4 Specifications Rev. 2.0

Parameter	Symbol	Unit	Value		
			Min	Typ	Max

Transmitter					
Signaling rate		Gbit/s	25.78125		
Center wavelength	λ	nm	1300	1310	1320
Sde mode suppression ration	SMSR	dB	30	-	-
Operating link reach		m		-	2000m
Average Launch Power, per Lane	TXPx	dBm	-9.4	-	2.0
Optical Extinction Ratio	ER	dB	3.5	-	-
Transmitter and dispersion penalty,each lane	TDP	dB	-	-	2.9
Total average launch power	-	dBm	-	-	8
Transmitter reflectance	-	dB	-	-	-12
Average launch power of					

Single Ended Data Input Swing	V_{IN}	mVp-p	350		800
Transmit Disable Voltage	V_{DIS}	V	2		3.5
Transmit Enable Voltage	V_{EN}	V	-0.3		0.8
Transmit Fault Assert Voltage	V_{FA}	V	2		3.5
Transmit Fault De-Assert Voltage	V_{FDA}	V	-0.3		0.8
Receiver					
Single Ended Data Output Swing	V_{OD}	mVp-p	185		900
LOS Fault	V_{LOSFT}	V	2		3.5
LOS Normal	V_{LOSNR}	V	-0.3		0.8