

PRE-CSFP2-B34(43)-40(I)

CSFP, Dual BIDI, 1310nm/1490nm, SMF, 40km, 1.25Gbps



Optical Characteristics: Transmitter

Parameter	Symbol	Min	Typ	Max	Unit
Center Wavelength	λ_c	1260	1310	1360	nm
		1480	1490	1500	
Transmit Power	P_{OUT}	-5	-	0	dBm
Spectral Width (-20dB)	σ	-	-	1	nm
Side Mode Suppression Ratio	SMSR	30	-	-	dB
Extinction Ratio	ER	9	-	-	dB
Relative Intensity Noise	RIN	90	100	110	dB/Hz
Transmitter OFF Output Power	P_{OFF}	-	-	-45	dB

Optical Characteristics: Receiver

Parameter	Symbol	Min	Typ	Max	Unit
Receiver Wavelength	λ_r	1480	1490	1500	nm
		1260	1310	1360	
Damage Threshold	P_D	3	-	-	dBm
Input Saturation Power	P_{SAT}	-3	-	-	dBm
Receiver Sensitivity	R	-	-	-21	dBm
LOS Assert	LOS_A	-35	-	-	dBm
LOS De-Assert	LOS_D	-	-	-24	dBm
LOS Hysteresis	LOS_H	0.5	2	6	dB

Product Ordering Information

Part Number	Description
PRE-CSFP2-B34-40	CSFP2, Option 2, 1310nm Tx/1490nm Rx, EX, SMF, 40km, 1.25G, C-Temp, LC, DDM
PRE-CSFP2-B34-40I	CSFP2, Option 2, 1310nm Tx/1490nm Rx, EX, SMF, 40km, 1.25G, I-Temp, LC, DDM
PRE-CSFP2-B43-40	CSFP2, Option 2, 1490nm Tx/1310nm Rx, EX, SMF, 40km, 1.25G, C-Temp, LC, DDM
PRE-CSFP2-B43-40I	CSFP2, Option 2, 1490nm Tx/1310nm Rx, EX, SMF, 40km, 1.25G, I-Temp, LC, DDM