

C-021-006



TEST DATA SHEET

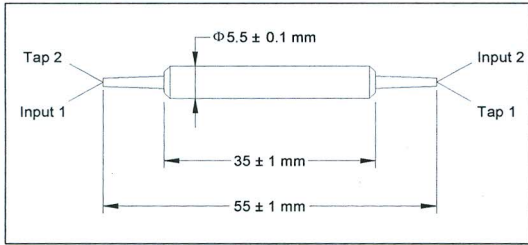
Description: Polarization Maintaining Tap Coupler

Part Number: PMTC-55-2-50-2-L-P-Q-F, REV11

S/N: 
* 2 1 3 9 4 9 2 7 4 *

Parameter	Unit	Specification	Test Data
Center Wavelength	nm	1550	1550
Operating Wavelength Range	nm	± 40	± 40
Max. Insertion Loss (Input 1 → Input 2) With Connector	dB	4.7	3.98
Max. Insertion Loss (Tap 2 → Tap 1) With Connector	dB	4.7	4.00
Tap Insertion Loss (Input 1 → Tap 1) With Connector	dB	4.7	4.02
Tap Insertion Loss (Tap 2 → Input 2) With Connector	dB	4.7	3.88
Max. Excess Loss With Connector	dB	1.7	0.99
Max. Uniformity	dB	0.8	0.12
Min. Extinction Ratio (Input 1 → Input 2) With Connector	dB	16	30
Min. Extinction Ratio (Tap 2 → Tap 1) With Connector	dB	16	30
Min. Extinction Ratio (Input 1 → Tap 1) With Connector	dB	16	29
Min. Extinction Ratio (Tap 2 → Input 2) With Connector	dB	16	29
Min. Return Loss With Connector	dB	45	60
Connector Type	-	FC/APC	
Fiber Type	-	PM 1550 fiber, 900 um loose tube	
Polarization Axis Alignment	-	Fast axis blocked	
Fiber Length	m	0.75	
Max. Optical Power (Continuous Wave)	mW	300	
Max. Tensile Load	N	5	
Operating Temperature	°C	-5 to +70	
Storage Temperature	°C	-40 to +85	

Package Dimension:



Remark:

Tested By: Jane

Date: 2021/8/7

Reviewed By: I.K.

Date: 2021/8/7

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