

CIRCULATOR TEST DATA SHEET

Description: Circulator, 3-ports, 1550nm, P grade, SMF-28e fiber, 900um loose tube, fiber length 1m, FC/APC connector, 5.5×50mm.

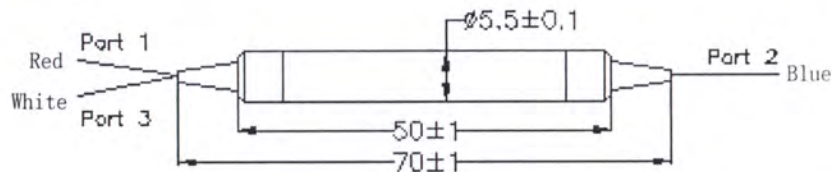
Part Number: FCIR-1550-3-P-5-2-1-2

S/N: L8028681

Parameters	Unit	Specification	Test Data
Operating Wavelength	nm	1550	1550
Operating Bandwidth	nm	±30	±30
Insertion Loss at 23°C (Port 1 to Port 2)	dB	≤1.1	0.40
Insertion Loss at 23°C (Port 2 to Port 3)	dB	≤1.1	0.67
PDL (Port 1 to Port 2)	dB	≤0.15	0.03
PDL (Port 2 to Port 3)	dB	≤0.15	0.07
Isolation at 23°C (Port 2 to Port 1)	dB	≥40	44
Isolation at 23°C (Port 3 to Port 2)	dB	≥40	43
DIR	dB	≥50	55
Return Loss	dB	≥45	49
PMD	ps	≤0.1	Pass
Connector		FC/APC	
Fiber Type		SMF-28e fiber, 900um loose tube	
Fiber Length	m	1.0	
Power Handling	mW	≤300	
Operating Temperature	°C	0 to +70	
Storage Temperature	°C	-40 to +85	
Dimension	mm	∅ 5.5×50	

The test data is with connector.

Package Dimensions:



Date: 2015-10-23



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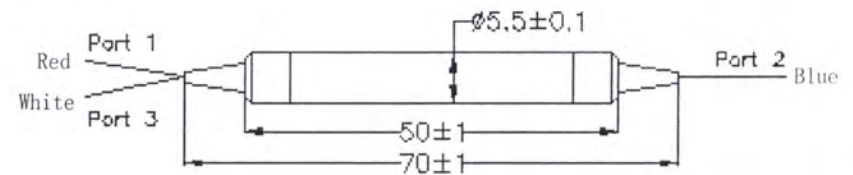
Part Number: FCIR-1550-3-P-5-2-1-2

S/N: L8028728

Parameters	Unit	Specification	Test Data
Operating Wavelength	nm	1550	1550
Operating Bandwidth	nm	±30	±30
Insertion Loss at 23°C (Port 1 to Port 2)	dB	≤1.1	0.48
Insertion Loss at 23°C (Port 2 to Port 3)	dB	≤1.1	0.84
PDL (Port 1 to Port 2)	dB	≤0.15	0.03
PDL (Port 2 to Port 3)	dB	≤0.15	0.08
Isolation at 23°C (Port 2 to Port 1)	dB	≥40	42
Isolation at 23°C (Port 3 to Port 2)	dB	≥40	49
DIR	dB	≥50	56
Return Loss	dB	≥45	51
PMD	ps	≤0.1	Pass
Connector		FC/APC	
Fiber Type		SMF-28e fiber, 900um loose tube	
Fiber Length	m	1.0	
Power Handling	mW	≤300	
Operating Temperature	°C	0 to +70	
Storage Temperature	°C	-40 to +85	
Dimension	mm	∅ 5.5×50	

The test data is with connector.

Package Dimensions:



Date: 2015-10-23

