

Introduction

Rayzer's Spectral **Tap Isolation Detector**, is with precise spectral ratio, excellent product consistency, low insertion loss, wide working wavelength, good temperature characteristics, etc. It can be widely used in EDFA / MUX / DEMUX, optical monitoring and other aspects.



Specification

Parameters		Unit	Values	
			Min	Max
Signal channel wavelength		nm	1528	1569
Insertion loss	1%	dB		≤0.8
Responsibility 1550	1%	mA/W	7	13
responsibility 980	1%	mA/W		0.1
Input power at input port	1%	dBm		25
Polarization dependent loss		dB		0.2
Wavelength dependent loss		dB		≤0.2
Temperature dependent loss		dB		≤0.2
Polarization mode dispersion		dB		≤0.1
Return loss		ps	≥50	
Isolation	2→1	dB	≥20	
Directivity		dB	≥25	
Dark Current@25℃,5V bias,2Gbandwidth		nA		1
Reserve Voltage		V		20
Forward Current		mA		10
Pigtail Length		m	1	
Fiber Type	Port1		G567A2	
	Port2		G567A2	
Fiber Jacket		m	Bare Fiber	
Fiber color	Port1	--	Natural	
	Port2		Black	
Connectors		--	None	
operating temperature		℃	-45+70	
Storage temperature		℃	-55+85	
Package Dimension		mm	3.0x20/3.8x28	

*Above specifications are for device without connector and may change without notice.