

Passive 3port Circulator 1310nm or 1550nm, SM, 0.9mm 1.0m Fiber, steel tube

Features

- ◆ Low Insertion Loss and PDL
- ◆ High extinction ratio
- ◆ High Isolation
- ◆ High Stability, High Reliability

Applications

- ◆ EDFA,DWDM and OTDR
- ◆ DWDM and OADM network
- ◆ Bi-directional transmission system



Specifications

Parameters	Unit	3port
Wavelength Range	nm	1310,1550
Isolation($\lambda_c, 23^\circ\text{C}$ all sop)	dB	SM ≥ 40
Isolation(Over all $\lambda_c T, \text{sop}$)	dB	SM ≥ 35
Insertion Loss ($\lambda_c, 23^\circ\text{C}$ all sop)	dB	≤ 0.8
Return Loss	dB	SM ≥ 50
Crosstalk 1	dB	SM ≥ 55
PDL	dB	≤ 0.10
WDL	dB	≤ 0.2
TDL	dB	≤ 0.15
PMD	ps	≤ 0.05
Optical Power	mW	≤ 500
Operating Temperature	$^\circ\text{C}$	$0 \sim +70$
Storage Temperature	$^\circ\text{C}$	$-40 \sim +85$
Directivity		≥ 50
Fiber type		SMF-28e
Dimension	mm	$\phi 5.5 \times L55$ or Customer design or others

Note: Within operating temperature and SOP.

Excluding Connectors.

Ordering information

RD-C	- 31/55	-Connector Type	U/A	-S	-Fiber Type	-Fiber Length
	31:1310nm	0: No connector	U: UPC	S: Steel	9: 0.9mm Fiber	005: 0.5+/-0.1m
	55:1550nm	1: LC	A: APC	B: ABS BOX	20:2.0mm	01: 1.0+/-0.1m
	Others	2: SC		Others	30:2.0mm	others
		3: FC			Others	
		4: Others				