

Features

- Low Insertion Loss
- High Attenuation
- Compact Size
- Connector Mount

Descriptions

Connector mount cavity duplexer developed for L band applications.

Electrical Specifications

Parameter	Unit	Specification	
		LOW	HIGH
Center Frequency	MHz	1030	1090
0.5dB Passband Bandwidth	MHz	$F_c \pm 7.5$ (1022.5 ~ 1037.5MHz)	$F_c \pm 15.5$ (1074.5 ~ 1105.5MHz)
Insertion Loss @ Fc	dB	0.5 max	0.5 max
Return Loss (VSWR) in Passband	dB	1.5:1 max	1.5:1 max
Attenuation at Reject Band	dBc	40 min @ 1090MHz 20 min @ 1000MHz	70 min @ 1030MHz 70 min @ 1150MHz
In/Out Impedance	Ohm	50	
Power Handling	Watt	50.0 CW max, 300 peak	

Electrical Response

