

Features

- Low Insertion Loss
- High Attenuation
- Compact Size
- SMA / N Connectors

Descriptions

Connector mount high power cavity duplexer developed for L-band applications.

Electrical Specifications

Parameter	Unit	Specification	
		LOW (RX)	HIGH(TX)
Center Frequency (Fc)	MHz	1210	1585
Passband Frequency Range	MHz	1155 ~ 1265	1550 ~ 1620
Insertion Loss in Passband	dB	0.5 dB max	
Ripple	dB	0.5dB max (peak to peak)	
Return Loss in Passband	dB	18 min	
Attenuation at Reject Band	dBc	20 dB @1050 MHz	20 dB @1450 MHz
		20 dB @1350 MHz	20 dB @1700 MHz
		30 dB @1550 ~ 1620 MHz	30 dB @1155 ~ 1265 MHz
Operating Input Power	Watts	100 CW max	
Dimensions	mm	126 X 126 X 50 (L x W x H)	
Connectors	-	SMA - Female @ Input Ports; N - Female ANT port	
Weight	Kg	3.0 Kg (Approximately)	

Mechanical Drawing

