

Features

- Low Insertion Loss
- High Selectivity
- SMA Connector

Descriptions

SMA connector cavity duplexer developed for S band applications.

Electrical Specifications

Parameter	Unit	Specification	
		LOW	HIGH
Center Frequency	MHz	2165	2350
Passband Frequency Range	MHz	2115 ~ 2215	2300 ~ 2400
Insertion Loss in Passband	dB	1.2 max	1.0 max
Ripple in Passband	dB	0.5 max	0.25 max
Return Loss (VSWR) in Passband	dB	17 min	17 min
Attenuation	dB	50 min @ < 1800MHz 50 min @ 2300 ~ 2400MHz	50 min @ < 2215MHz 50 min @ > 2500MHz
Power Handling	dBm	30 CW max	
In/Out Impedance	Ohm	50	
Operating Temperature	°C	-20 ~ +70	
Dimensions	mm	102 x 112 x 32 (L x W x H)	
RoHS	-	Yes	

Mechanical Drawing

