

### 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	3215	3500
Passband Frequency Range	MHz	3115 ~ 3315	3400 ~ 3600
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 @ < 2600MHz 50 min @ 3400 ~ 3600MHz	50 min @ < 3315MHz 50 min @ > 3800MHz
Power Handling	dBm	30 CW max	
In/Out Impedance	Ohm	50	
Operating Temperature	°C	-20 ~ +70	
Dimensions	mm	102.0 x 98.5 x 32 (L x W x H)	
RoHS	-	Yes	

### Mechanical Drawing

