

### Features

- Low Insertion Loss
- High Attenuation
- High Power Handling
- SMA Connector Mount

### Descriptions

SMA connector mount high power cavity duplexer developed for LTE band-3 applications.

### Electrical Specifications

Parameter	Unit	Specification	
		LOW	HIGH
Center Frequency	MHz	1747.5	1842.5
Passband Frequency Range	MHz	1710~1785	1805~1880
Insertion Loss in Passband	dB	1.0 max	1.0 max
Return Loss (VSWR) in Passband	dB	18 min	18 min
Attenuation at Reject Band	dB	90 min @ 1805~1880MHz	90 min @ 1710~1785MHz
In/Out Impedance	Ohm	50	
Power Handling	Watt	100 CW max, 1500 peak	
Temperature Range	°C	-10 ~ +65	
Dimensions	mm	236.0 x 168.0 x 45.0(L x W x H)	
Connectors	-	SMA-f All Ports	
RoHS	-	Yes	

### Mechanical Drawing

