

Features

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

Descriptions

SMA connector mount cavity duplexer developed for LTE band-1 applications.

Electrical Specifications

Parameter	Unit	Specification	
		LOW	HIGH
Center Frequency	MHz	1950	2140
Passband Frequency Range	MHz	$F_c \pm 30$ (1920 ~ 1980MHz)	$F_c \pm 30$ (2110 ~ 2170MHz)
Insertion Loss in Passband	dB	1.5 max	1.5 max
Ripple in Passband	dB	1.2 max	1.2 max
Return Loss (VSWR) in Passband	dB	20 min	20 min
Attenuation at Reject Band	dB	95 min @ 2110 ~ 2170MHz	95 min @ 1920 ~ 1980MHz
PIM	dBm		123 min, 2-tone@+24dBm
In/Out Impedance	Ohm	50	
Power Handling	Watt	50 CW max	
Temperature Range	°C	0 ~ +50	
Dimensions	mm	262.0 x 118.0 x 46.0(L x W x H)	
RoHS	-	Yes	

Mechanical Drawing

