

### Features

- High Q, Low Insertion Loss
- High Attenuation
- Compact Size
- SMA type Connector

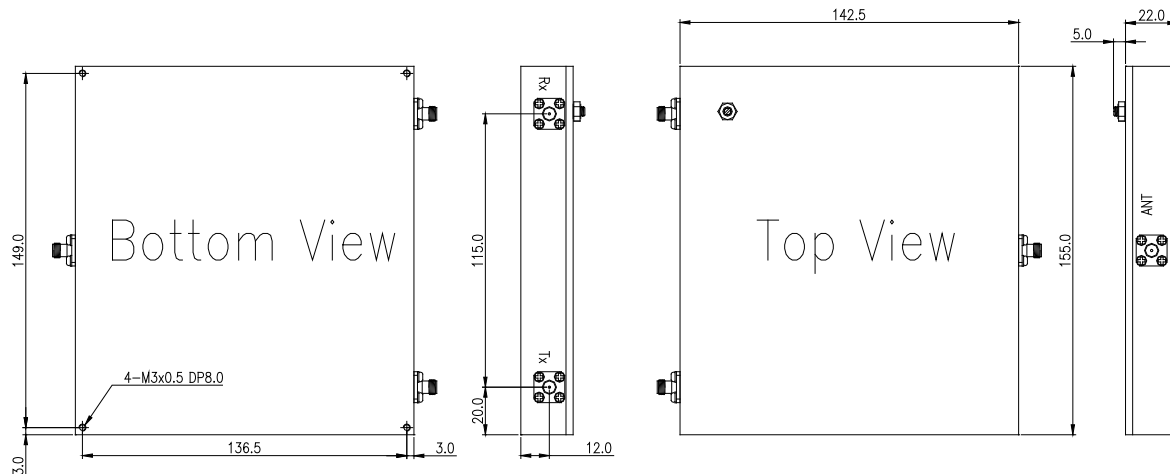
### Descriptions

SMA type connector mount cavity duplexer developed for LTE 7th band applications.

### Electrical Specifications

Parameter	Unit	Specification	
Center Frequency	MHz	2535	2655
Bandwidth	MHz	70	70
Insertion Loss in BW	dB	1.0 ( 0.6 Typ. ) max	1.0 ( 0.6 Typ. ) max
Passband Ripple	dB	0.5 max	0.5 max
Return Loss in BW	dB	18.0 min	18.0 min
Attenuation	dB	90 min @ 300KHz ~ 2000 MHz	90 min @ 300KHz ~ 2000 MHz
		90 min @ 3000 ~ 4000 MHz	65 min @ 2000 ~ 2400 MHz
		80 min @ 4000 ~ 5200 MHz	25 min @ 2400 ~ 2470 MHz
		35 min @ 5200 ~ 12000 MHz	15 min @ 2470 ~ 2480 MHz
		-	90 min @ 3000 ~ 4000 MHz 80 min @ 4000 ~ 5200 MHz 35 min @ 5200 ~ 12000 MHz
Isolation	dB	90 min	
Power Handling	W	20 avg. max ( 200 peak max @ OFDM )	
IN/OUT Impedance	$\Omega$	50	
Operating Temperature Range	$^{\circ}\text{C}$	-40 ~ +85	
Connectors	-	SMA ( Female ) – All Ports	
Dimensions	mm	155.0 x 142.5 x 27.0 ( W x L x H )	

### Mechanical Drawing



## Electrical Response

