

Features

- High Q, Low Insertion Loss
- High Attenuation
- Compact Size
- SMA Connectors

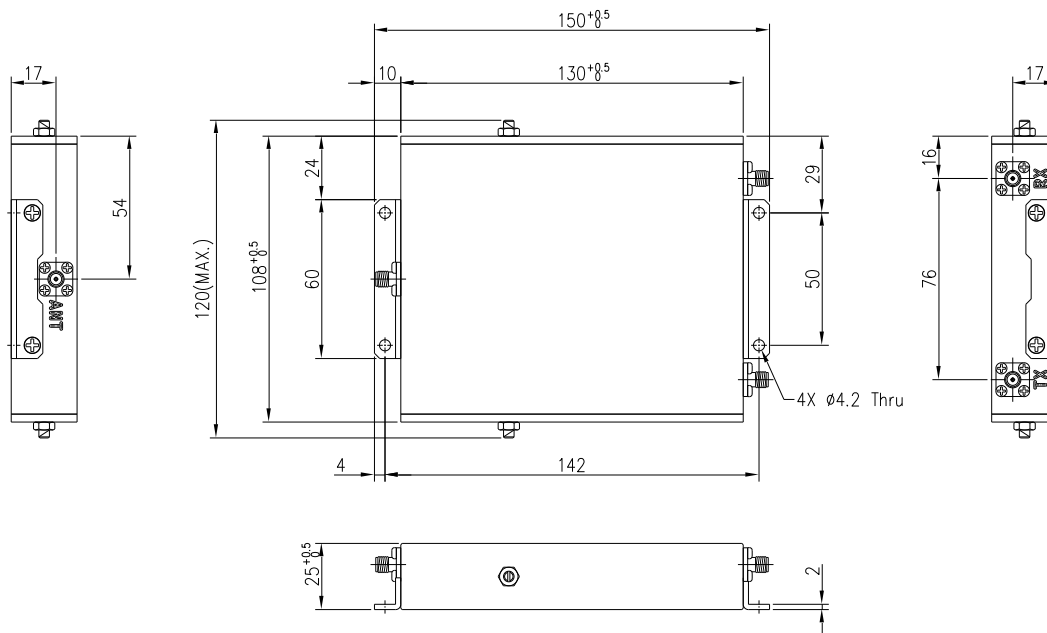
Descriptions

SMA connector mount cavity duplexer developed for LTE band-13 applications.

Electrical Specifications

Parameter	Unit	Specification	
		Low (RX)	High (TX)
Center Frequency	MHz	751	782
Frequency Range	MHz	746 ~ 756	777 ~ 787
Insertion Loss in BW	dB	1.5 max	1.5 max
Passband Ripple	dB	0.5 max	0.5 max
Return Loss in BW	dB	18.0 min	18.0 min
Attenuation	dB	80 min @ 777 ~ 787 MHz	80 min @ 746 ~ 756 MHz
Power Handling	W	5 max (50 peak)	
IN/OUT Impedance	Ω	50	
Operating Temperature	$^{\circ}\text{C}$	-40 ~ +85	
Connectors	-	SMA Female	
Dimensions	mm	108 x 130 x 25 (L x W x H)	
Finish	-	Black Epoxy Coating	

Mechanical Drawing



Electrical Response

