

Features

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

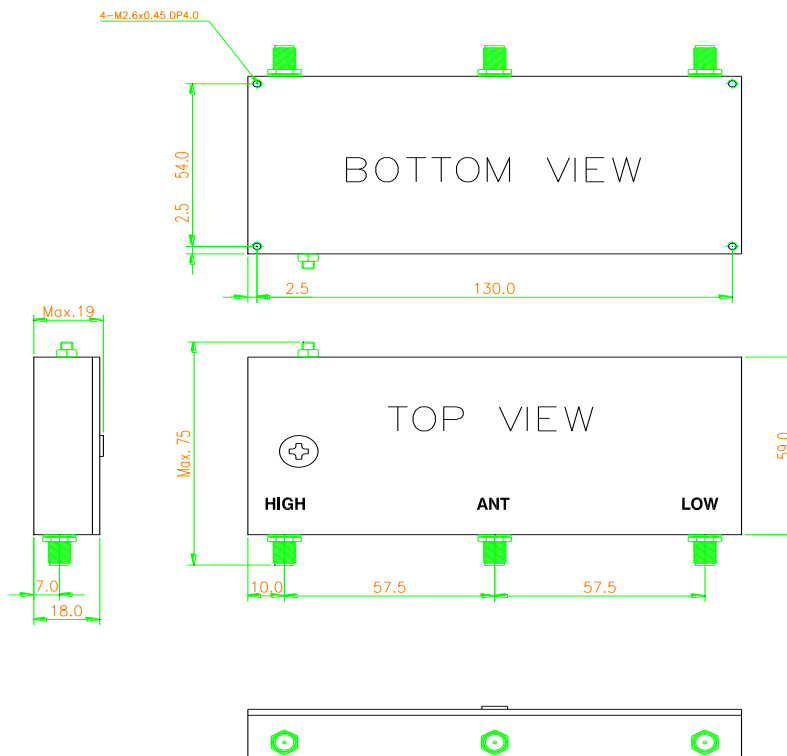
Descriptions

SMA connector mount cavity duplexer developed for LTE band-8 applications.

Electrical Specifications

Parameter	Unit	Specification	
		Low (RX)	High (TX)
Center Frequency	MHz	895.5	940.5
Frequency Range	MHz	876 ~ 915	921 ~ 960
Insertion Loss in BW	dB	1.5 max	1.5 max
Passband Ripple	dB	1.0 max	1.0 max
Return Loss in BW	dB	18.0 min	18.0 min
Attenuation	dB	18 min @ 921 MHz	18 min @ 915 MHz
Power Handling	dBm	40 max	
IN/OUT Impedance	Ω	50	
Operating Temperature	$^{\circ}\text{C}$	-25 ~ +70	
Connectors	-	SMA Female @ All Ports	
Dimensions	mm	130 x 75 x 19 (L x W x H)	
Finish	-	Ivory Painting	

Mechanical Drawing



Electrical Response

