

Features

- Low Insertion Loss
- High Attenuation
- Low PIM
- Dual Duplexers

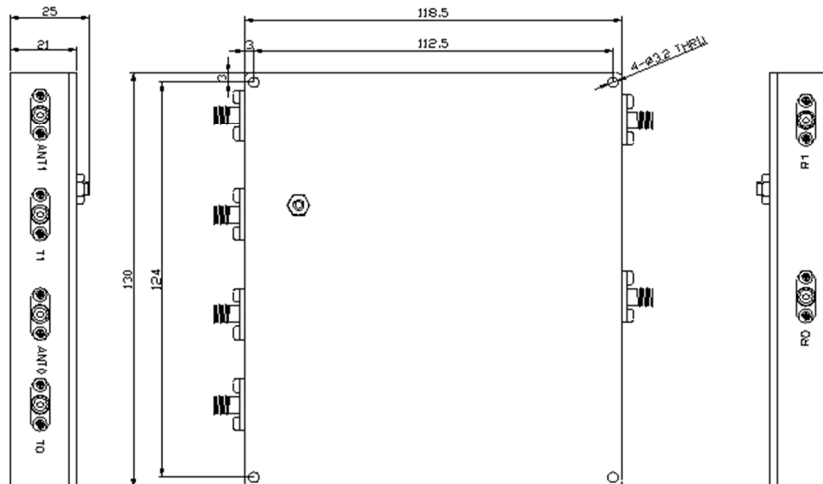
Descriptions

Connectorized dual cavity duplexer developed for LTE band 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	0.8 max	0.8 max
Ripple in Passband	dB	0.5 max	0.5 max
Return Loss (VSWR) in Passband	dB	18 min	18 min
Attenuation	dB	25 min @1805 ~ 1880MHz	25 min @1710 ~ 1785MHz
PIMD	dBc	140 min @ 40dBm 2Tone	
Power Handling	Watt	50 CW max	
In/Out Impedance	Ohm	50	
Operating Temperature	°C	-40 ~ +85	
Dimensions	mm	118.5 x 130 x 21 (L x W x H)	
Connector	-	SMA(F) @ All Ports	
RoHS	-	Yes	

Mechanical Drawing



Electrical Response

