

Features

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

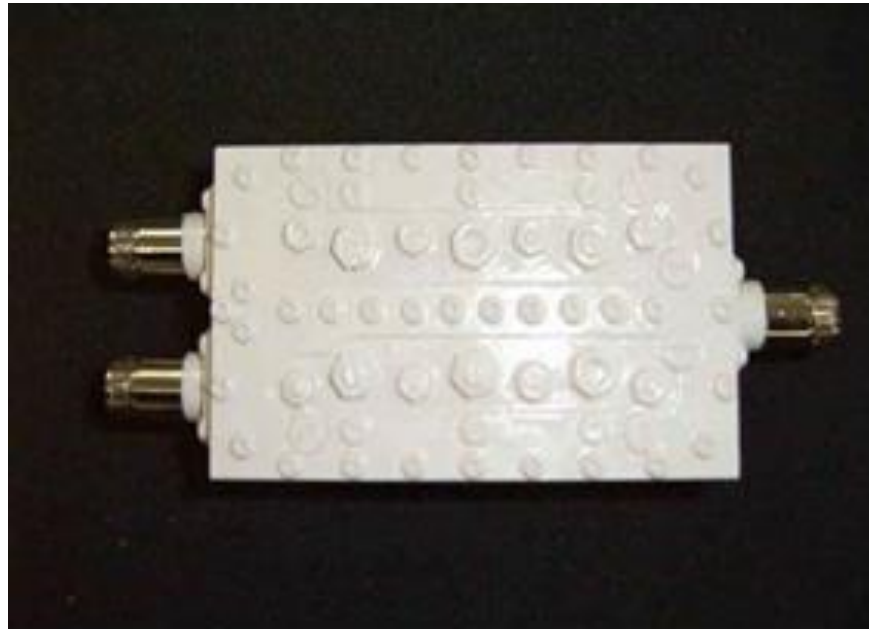
Descriptions

Connector mount cavity duplexer developed for LTE band-5 applications.

Electrical Specifications

Parameter	Unit	Specification	
		Low (RX)	High (TX)
Center Frequency	MHz	836.5	881.5
Frequency Range	MHz	824 ~ 849	869 ~ 894
Insertion Loss in BW	dB	0.5 max	0.5 max
Passband Ripple	dB	0.2 max	0.2 max
Return Loss in BW	dB	20.0 min	20.0 min
Attenuation	dBc	20 min @ 869 ~ 894 MHz	20 min @ 824 ~ 849 MHz
Passive IMD	dBc	3 rd : 140 min, 5 th : 160 min (43 dBm, 2-Tone Input)	
IN/OUT Impedance	Ω	50	
Operating Temperature	°C	-30 ~ +60	
Relative Humidity	%	5 ~ 90	
Dimensions	mm	122 x 70 x 70 (L x W x H)	

Mechanical Drawing



Electrical Response

