

Features

- Low Insertion Loss
- High Attenuation
- Compact Size
- N Connector Mount

Descriptions

N connector mount cavity duplexer developed for LTE band-28 applications.

Electrical Specifications

Parameter	Unit	Specification	
		Tx Band	Rx Band
Center Frequency	MHz	725.5	780.5
Passband Frequency Range	MHz	703~748	758~803
Insertion Loss in Passband	dB	1.5 max	1.5 max
Ripple in Passband	dB	1.0 max	1.0 max
Return Loss (VSWR) in Passband	dB	18.0 min	18.0 min
Attenuation	dB	70 min @ 758~803MHz	70 min @ 703~748MHz
Isolation	dB	70 min	
PIMD	dBc	140 min @ 43dBm 2Tone	
Power Handling	Watt	20 CW max	
In/Out Impedance	Ohm	50	
Operating Temperature	°C	-40 ~ +85	
Dimensions	mm	132 x 126 x 39(L x W x H)	
RoHS	-	Yes	

Mechanical Drawing

