

Features

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

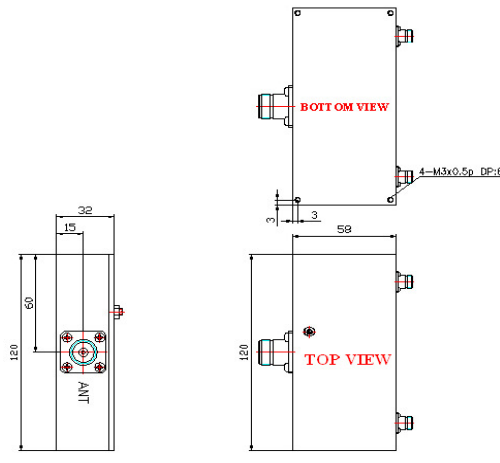
Descriptions

N&SMA connector mount cavity duplexer developed for LTE band-4 applications.

Electrical Specifications

Parameter	Unit	Specification	
		LOW	HIGH
Center Frequency	MHz	1732.5	2132.5
Passband Frequency Range	MHz	1710~1755	2110~2155
Insertion Loss in Passband	dB	1.0 max	0.5 max
Ripple in Passband	dB	0.5 max	0.3 max
Return Loss (VSWR) in Passband	dB	18.0 min	18.0 min
Attenuation at Reject Band	dB	75 min @ 500~1400 MHz	75 min @ 500~1710 MHz
		75 min @ 2110~2155 MHz	75 min @ 1710~1755 MHz
		75 min @ 2155~3000 MHz	75 min @ 2460~3000 MHz
Isolation	dB	75 min	
Differential Group Delay	nS	10 max	
PIMD	dBc	-160 min @ 2x10W	
Lighting Protection	-	3kA, 10/350ms	
In/Out Impedance	Ohm	50	
Power Handling	Watt	20 avg., 50.0 max, 200 peak	
Operating Temp. Range	°C	-20 ~ +85	
Dimensions	mm	120.0 x 58.0 x 32.0(L x W x H)	

Mechanical Drawing



Electrical Response

