

Features

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

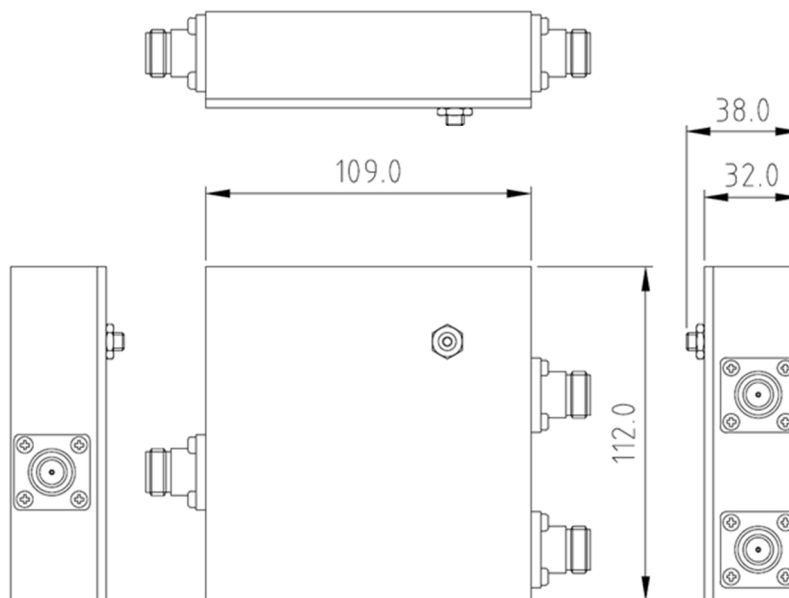
Descriptions

N connector mount cavity duplexer developed for LTE band-2 applications.

Electrical Specifications

Parameter	Unit	Specification	
		LOW	HIGH
Center Frequency	MHz	1880	2140
Passband Frequency Range	MHz	$F_c \pm 30$ (1850 ~ 1910MHz)	$F_c \pm 30$ (2110 ~ 2170MHz)
Insertion Loss in Passband	dB	1.0 max	0.5 max
Ripple in Passband	dB	0.7 max	0.2 max
Return Loss (VSWR) in Passband	dB	15 min	20 min
Attenuation at Reject Band	dB	55 min @ 1930 ~ 1990MHz	90 min @ 1920 ~ 1980MHz
In/Out Impedance	Ohm	50	
Power Handling	Watt	120.0 max	
Operating Temp. Range	°C	-40 ~ 85	
Humidity	%	95 max	
Dimensions	mm	109.0 x 112.0 x 32.0(L x W x H)	
RoHS	-	Yes	

Mechanical Drawing



Electrical Response

