

Features

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

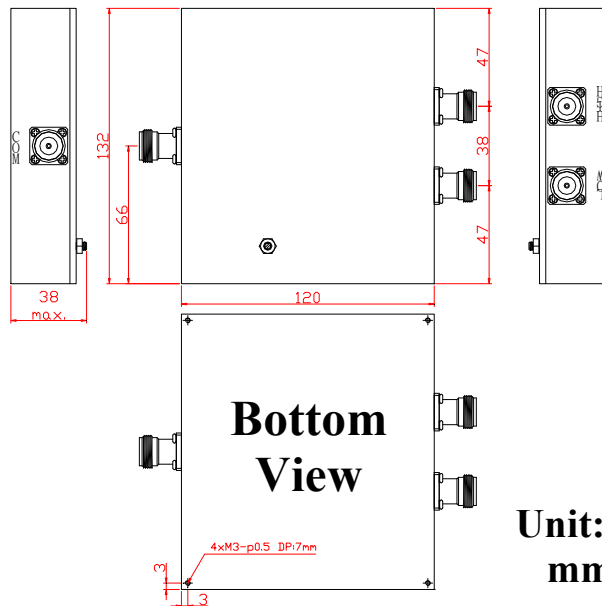
Descriptions

N connector mount cavity duplexer developed for LTE band-1 applications.

Electrical Specifications

Parameter	Unit	Specification	
		LOW	HIGH
Center Frequency	MHz	1950	2140
Passband Frequency Range	MHz	$F_c \pm 30$ (1920 ~ 1980MHz)	$F_c \pm 30$ (2110 ~ 2170MHz)
Insertion Loss in Passband	dB	0.5 max	0.5 max
Ripple in Passband	dB	0.2 max	0.2 max
Return Loss (VSWR) in Passband	dB	20 min	20 min
Attenuation at Reject Band	dB	90 min @ 2110 ~ 2170MHz	90 min @ 1920 ~ 1980MHz
Isolation	dB	TERM.:60 min @ 1980~2110MHz, OPEN: 45 min @ 1980~2110MHz	
In/Out Impedance	Ohm	50	
Power Handling	Watt	200.0 max	
Humidity	%	95 max	
Dimensions	mm	120.0 x 132.0 x 38.0(L x W x H)	

Mechanical Drawing



Electrical Response

