

Features

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

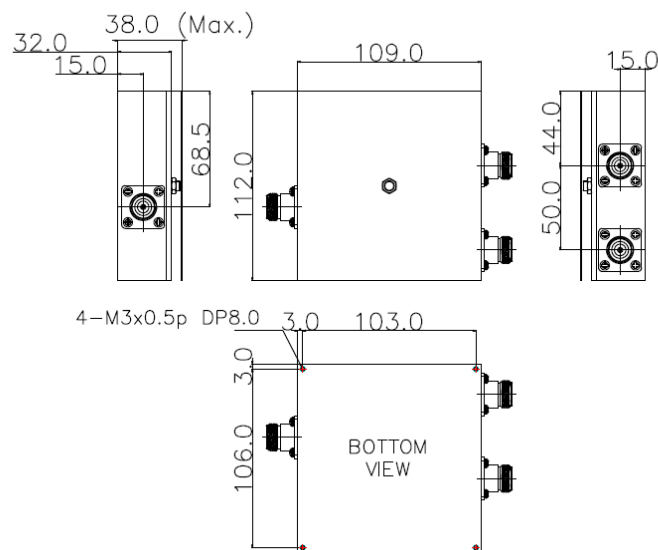
Descriptions

N connector mount cavity duplexer developed for LTE band-3 applications.

Electrical Specifications

Parameter	Unit	Specification	
		LOW	HIGH
Center Frequency	MHz	1747.5	1842.5
Passband Frequency Range	MHz	1710~1785	1805~1880
Insertion Loss in Passband	dB	1.0 max	1.0 max
Ripple in Passband	dB	0.7 max	0.7 max
Return Loss (VSWR) in Passband	dB	18.0 min	18.0 min
Attenuation at Reject Band	dB	55 min @ 1805~1880MHz	55 min @ 1710~1785MHz
In/Out Impedance	Ohm	50	
Power Handling	Watt	120.0 (Average), 1200 (Peak)	
Operating Temp. Range	°C	-40 ~85	
Humidity	%	95 max	
Dimensions	mm	109.0 x 112.0 x 38.0(L x W x H)	
Finish	-	Black Coating	
RoHS	-	Yes	

Mechanical Drawing



Electrical Response

