

Features

- Low Insertion Loss
- High Attenuation
- Compact Size
- High Power Handling

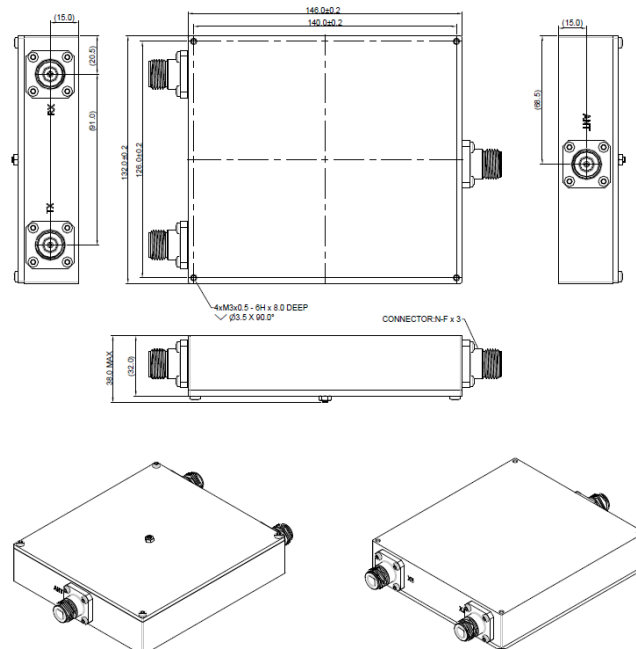
Descriptions

Connector mount cavity duplexer developed for LTE band-3 high power 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	60 min @ 1805~1880MHz	60 min @ 1710~1785MHz
In/Out Impedance	Ohm	50	
Power Handling	Watt	200 CW max, 1500 Peak max	
Operating Temp. Range	°C	-40 ~85	
Humidity	%	95 max	
Dimensions	mm	146 x 132 x 38 (L x W x H)	
Connectors	-	N-female all ports	
Finish	-	Aluminum Natural Color	
RoHS	-	Yes	

Mechanical Drawing



Electrical Response

