

Features

- Low Insertion Loss
- High Attenuation
- Cavity Multiplexer
- Connector Mount

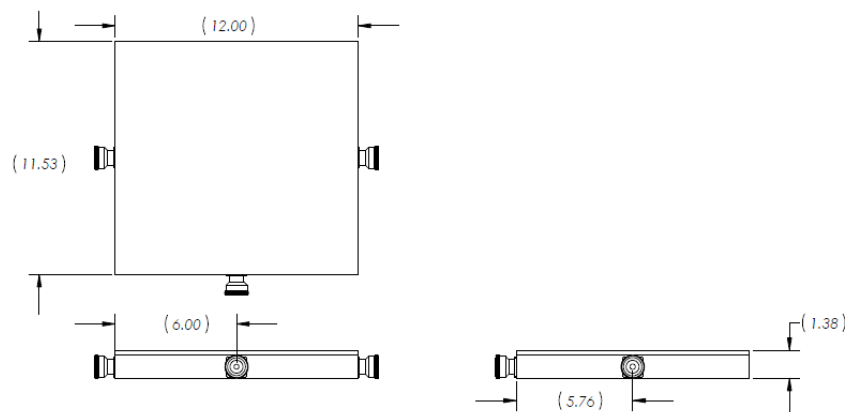
Descriptions

Connector mount cavity quadraplexer developed for AWS band application.

Electrical Specifications

Parameter	Unit	Specification			
		RX1	TX1	RX2	TX2
Center Frequency	MHz	1720	2120	1745	2145
Passband Frequency Range	MHz	$F_c \pm 10$	$F_c \pm 10$	$F_c \pm 10$	$F_c \pm 10$
Insertion Loss in Passband	dB	< 1.0 dB	< 1.0 dB	< 1.0 dB	< 1.0 dB
Ripple in Passband	dB	< 0.6 dB	< 0.6 dB	< 0.6 dB	< 0.6 dB
Return Loss in Passband	dB	> 16.0dB	> 16.0dB	> 16.0dB	> 16.0dB
Attenuation	dB	> 35 dB @ 1735~1755MHz	> 35 dB @ 1735~1755MHz	> 30 dB @ 1710~1730MHz	> 30 dB @ 1710~1730MHz
		> 30 dB @ 2135~2155MHz	> 30 dB @ 2135~2155MHz	> 30 dB @ 2110~2130MHz	> 30 dB @ 2110~2130MHz
Power Handling	Watt				
In/Out Impedance	Ohm	50			
Operating Temperature	°C				
Connector	-	N-Female			
Dimensions	Inch[mm]	12 x 11.53 x 1.38[305 x 293 x 35]			

Mechanical Layout



Electrical Response

