

Features

- Low Insertion Loss
- High Attenuation
- RF Pin Connector
- Dual Passband

Descriptions

RF pin connectorized cavity dual bandpass filter developed for n41 5G NR applications.

Electrical Specifications

Parameter	Unit	Specification	
		n41 Band	n41 Band
Center Frequency	MHz	2593	2593
Band Width	MHz	2496 ~ 2690	2496 ~ 2690
Insertion Loss in BW	dB	1.1 max	1.1 max
Ripple in any 5MHz	dB	0.3 max	0.3 max
Absolute Group Delay	ns	30 max	30 max
Return Loss	dB	17.7 min	17.7 min
Attenuation	dB	50 min @ 0.1~2296 MHz	50 min @ 0.1~2296 MHz
		35 min @ 2296~2380 MHz	35 min @ 2296~2380 MHz
		30 min @ 2400~2472 MHz	30 min @ 2400~2472 MHz
		50 min @ 3300~3800 MHz	50 min @ 3300~3800 MHz
		50 min @ 5149~5950 MHz	50 min @ 5149~5950 MHz
Input Power	Watt	10 CW max; 65 W peak max	
IN/OUT Impedance	Ω	50	
RF Connector	-	Dia. 0.9mm RF Pin	
Weight	kg	0.1 max	
Dimensions	mm	45 x 40 x 18 (2 channels) max	

Mechanical Drawings

