



Overview

NIC introduces a 902 -928 MHz ISM band Cavity Bandpass filter. This filter offers low Insertion loss and is capable of rejecting the adjacent cellular, paging and GSM bands, making it a perfect fit for wireless applications.

Features

- Low Insertion loss & high selectivity
- Custom designs available up to Ku band
- Competitive Pricing & Fast Delivery
- Prototypes available for Immediate Delivery



Scan QR code to visit our website and view our cavity filter capabilities



902 - 928 MHz Cavity Bandpass Filter

Example Specification:

Parameter	Specification
Center Frequency (CF)	915 MHz
Passband	902-928 MHz
Insertion Loss	1.5dB over the passband
Insertion Loss variation	<0.75dB over the passband
Rejection	45dB min @ 824-894 MHz 45dB min @ 936 – 960 MHz
Passband return loss (Input / Output)	16dB min
Max Power	10W CW
Impedance (Input / Output)	50 Ohms
Connectors (Input / Output)	Female MCX, gold plated
Finish	Black paint
Mechanical Size	4.72 x 2.36 x 1.93 inches + Connectors
Weight	1lb max
Operating Temperature	-40°C to +65°C
Humidity	0 to 100%

Channel 1 Response:

