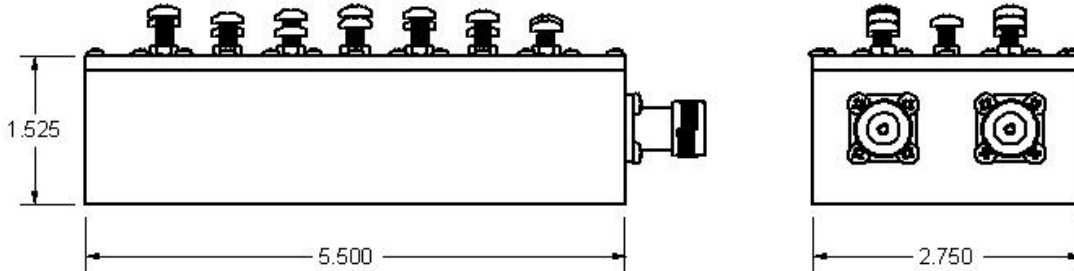
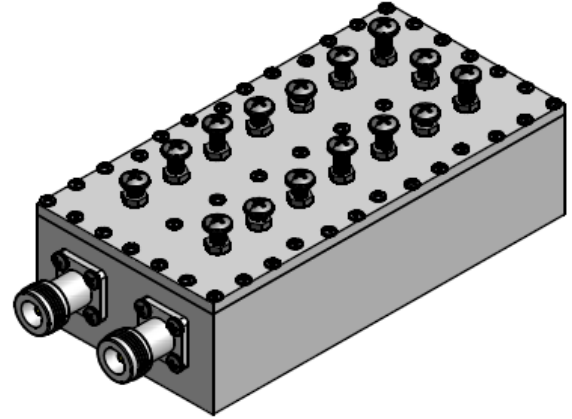


521-2400M-CH1-N is a High-Q Band Filter, which pass only Channel 1 of the 2.4GHz WiFi Band from 2401 MHz to 2423 MHz. These channel filters are often used in places where other WiFi users are using a different band in the same location. Cavity Bandpass filters is available from Channel-1 through Channel-14 with each channel having a bandwidth of 22MHz wide.

FEATURES:

- ISM WiFi Channel Filter
- Cleans up all the In-band interference caused by other channels
- High Q Cavity Filter structure
- 4 Sections or 8 Sections available depending on the Stop band Rejection points.
- Rugged Aluminum Structure. Weather-Proof Structures Available
- Low Insertion Loss in the passband 1.70dB (typical)



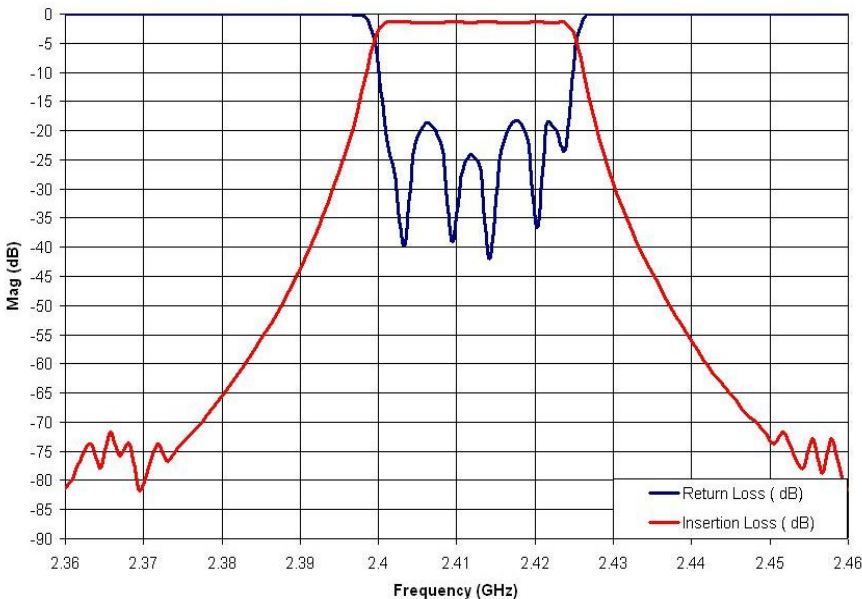
* Mounting brackets available on request

ELECTRICAL SPECIFICATIONS:

Frequency Range:	2401MHz – 2423MHz (CH1)
No. of Cavities:	8 (<i>4 sections also available</i>)
Insertion Loss:	1.70 dB (Typical)
Passband Ripple:	0.10 dB (Max)
Rejection Band:	60.00 dB (Min) @ 2382MHz @ 2442MHz
Return Loss:	15.00 dB (Min)
Power Handling:	50 Watts (Max)
Temperature Range:	-55°C to 85°C

APPLICATIONS:

- 2400 MHz ISM WiFi Band Communication
- Rejects all other frequencies such as GSM
- Protects Out-of-Band Interference
- Ideal for high data rate, 802.11b and 802.11g Wireless LAN applications
- Minimizes Adjacent Channel Interference
- Ideal for use with WiFi access points



Please contact our sales department at 914-230-4060 or sales@innowaverf.com for any custom requirements.