

Features

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

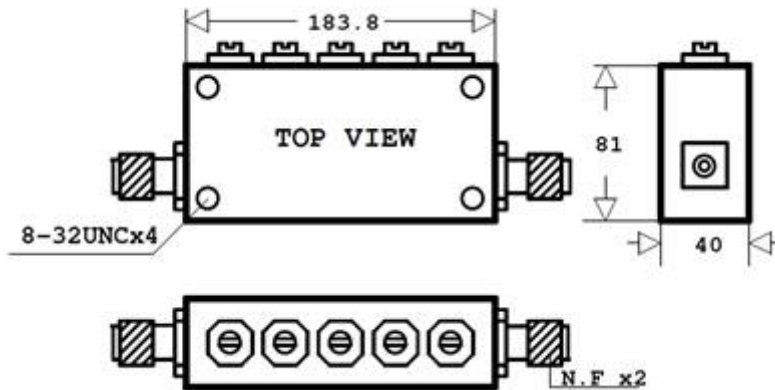
Descriptions

N connector mount cavity bandpass filter developed for ISM band high power applications.

Electrical Specifications

Parameter	Unit	Specification
Center Frequency	MHz	912.5
Passband Frequency Range	MHz	895 ~ 930
Insertion Loss in Passband	dB	0.7 max @900 ~ 925MHz
Ripple in Passband	dB	0.5 max
Return Loss (VSWR) in Passband	dB	18 min
Attenuation	dB	10 min @ 885MHz
		10 min @ 940MHz
		45 min @ DC ~ 850MHz
		45 min @ 1800 ~ 1850MHz
		50 min @ 2700 ~ 2775MHz
		60 min @ 4500 ~ 4625MHz
Input Power	W	500 CW max
In/Out Impedance	Ohm	50
Operating Temperature	°C	-10 ~ +60
Dimensions	mm	183.8 x 81.0 x 40.0 (L x W x H)
Environmental	-	indoor
		Altitude: 30,000 ft
		Random Vibration: 6 gRMS 20~20000Hz
		Shock: 20g 1msec positive and negative saw tooth
Color / Finish	-	Silver plating per QQ-10

Mechanical Drawing



Electrical Response

