

Features

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

Descriptions

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

Electrical Specifications

Parameter	Unit	Specification
Center Frequency	MHz	596
Passband Frequency Range	MHz	590 ~ 602
Insertion Loss at Fc / passband	dB	1.0 max / 1.5dB max
Ripple in Passband	dB	1.0 max
Return Loss (VSWR) in Passband	dB	15 min
Attenuation	dB	20 min @ 580~584 MHz & 608~612 MHz
		27 min @ 572~580 MHz & 612~620 MHz
		48 min @ DC~572 MHz & 620~1500 MHz
Power Handling	dBm	53 CW max, 61 transient peak-to-peak average @0.01%: 8dB
In/Out Impedance	Ohm	50
Operating Temperature Range	°C	10 ~ 50
Dimensions	mm	172 x 118 x 75 (L x W x H)

Mechanical Drawing

