

Features

- Low Insertion Loss
- High Attenuation
- Compact Size

Descriptions

Connector mount cavity bandpass filter developed for L-band applications.

Electrical Specifications

Parameter	Unit	Specification
Center Frequency (Fc)	MHz	1300
Passband Frequency Range	MHz	1200 ~ 1400
Insertion Loss in Passband	dB	0.4 typ., 0.8 max over temp.
Insertion Loss @ 1180~1420 MHz	dB	1.0 typ., 1.3 max over temp.
Return Loss in Passband	dB	14 min
Attenuation	dB	65 min @ DC ~ 1030 MHz
		50 min @ 1030 ~ 1090 MHz
		50 min @ 1830 ~ 1950 MHz
		40 min @ 2700 ~ 11000 MHz
In / Out Impedance	Ohms	50
Power Handling	W	100 CW max; 500 peak max
Operating Temperature Range	°C	-40 ~ +80
IP Class	-	IP63 Indoor
Connector	-	SMA female
Finish	-	Passivated Silver
Dimensions	mm	52.24 x 33.4 x 14.06 typ. (L x W x H)
ROHS	-	Compliant

Mechanical Dimensions

