



K-Band Multi-Purpose Receive Filters

Model 18812

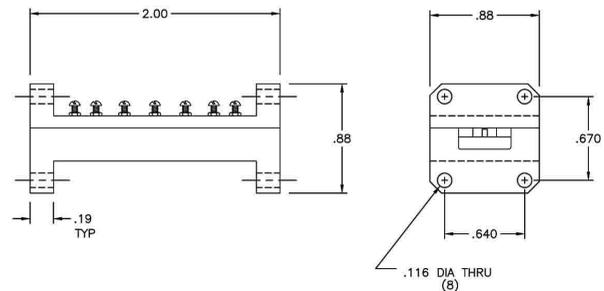
Model 18812-SMA/C42

These versatile bandpass filters suppress the (Ka) transmit band and other undesired bands that operate immediately above and below the (K) receive band.

Utilizing state-of-the-art topology, these compact filters are less than one-third the length of comparable receive filters with virtually no compromises in electrical performance.

- Provides deep rejection of the DBS transmit band
- Also rejects ISM and Amateur Radio (24 GHz) bands

Model 18812



Specifications:

Passband:	20.2 - 21.2 GHz
Passband Insertion Loss:	0.5 dB Typ
Passband VSWR:	1.22:1 Max
Rejection:	60 dB Min from 17.2 - 18.2 GHz 20 dB Typ from 18.2 - 19.7 GHz 60 dB Min from 24 - 24.25 GHz 70 dB Min from 27.5 - 31 GHz

Finish: White Lacquer

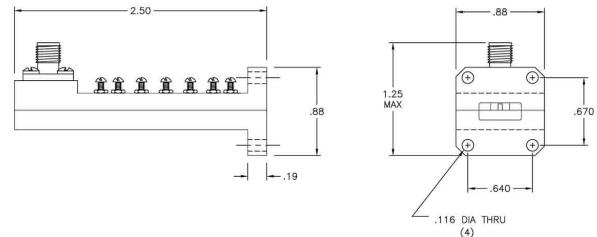
Connectors:

Model 18812:	(2) WR42 Cover Flanges
Model 18812-SMA/C42:	(1) WR42 Cover Flange (In) (1) SMA - female (Out)

Dimensions:

Model 18812:	2.00" x 0.88" x 0.88" (51 mm x 22 mm x 22 mm)
Model 18812-SMA/C42:	2.50" x 0.88" x 1.25" (64 mm x 22 mm x 32 mm)

Model 18812-SMA/C42



MICROWAVE FILTER CO., INC.
 6743 KINNE STREET, E. SYRACUSE, NY 13057
 E-Mail: mfcsales@microwavefilter.com

800-448-1666 • 315-438-4700
 Web: www.microwavefilter.com