



X-Band Transmit Filters (Partial Band)

Model 19173 Series

These partial band transmit filters isolate the lower portion of the transmit band from the upper portion of the transmit band.



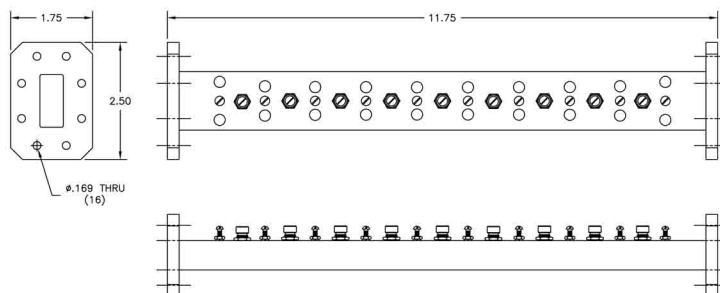
These multi-purpose bandpass filters also provide deep rejection of the receive band (7.25-7.75 GHz).

Specifications:

Passband:	7.9 - 8.05 GHz
Passband Loss:	0.8 dB Max
Passband VSWR:	1.3:1 Max
Passband Ripple:	0.25 dB Max
Passband Power (CW):	200 Watts Max
Passband Delay Variation:	0.6 nS Max over any 18 MHz passband segment
Rejection:	80 dB Min @ 7.6 GHz and 8.25 GHz
Flanges:	See Chart below
Weight:	1.5 lbs (.68Kg)
Dimensions:	11.75" x 2.50" x 1.75" (298mm x 64mm x 44mm)
Finish:	Gray Lacquer
Operating Temperature Range:	-40°C to +60°C

Flange Configurations

Model #	Input	Output
19173-1	CPR112F	CPR112F
19173-2	WR112 Cover	WR112 Cover



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