



MFC

Microwave Filter Company, Inc.

Creating Filters and Components to 50 Ghz for Over 50 Years!

X-Band Transmit Filters (Partial Band)
Model 19172 Series

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

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

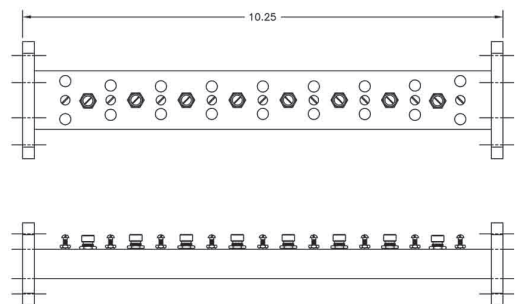
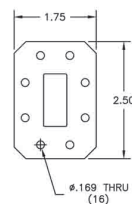


Specifications:

Passband:	8.25 - 8.4 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 @ 8.05 GHz and 8.7 GHz
Flanges:	See Chart below
Weight:	1.4 lbs (.64Kg)
Dimensions:	10.25" x 2.50" x 1.75" (260mm x 64mm x 44mm)
Finish:	Gray Lacquer

Flange Configurations

Model #	Input	Output
19172-1	CPR112F	CPR112F
19172-2	WR112 Cover	WR112 Cover



All MFC Products Designed and Manufactured in the USA



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