



# MFC

Microwave Filter Company, Inc.

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

**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).

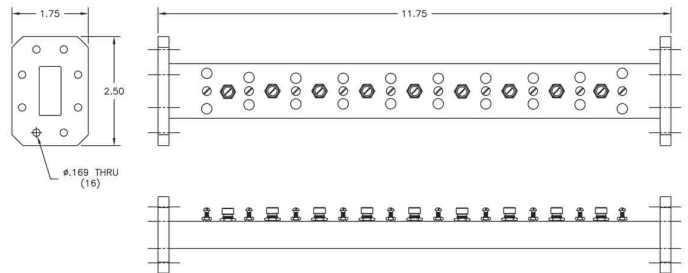


**Specifications:**

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

**Flange Configurations**

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



**All MFC Products Designed and Manufactured in the USA**



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