



MFC

Microwave Filter Company, Inc.

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

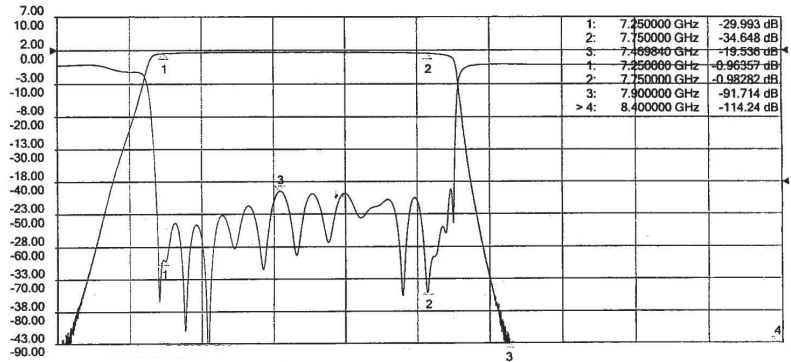
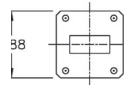
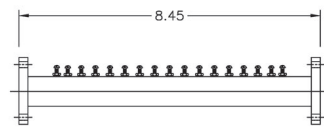
X-Band Multi-Purpose Receive Filter
Model 17611

Utilizing innovative design techniques - that standard TRFs do not - this versatile filter not only rejects the X-band transmit band (7.9 - 8.4 GHz), it also rejects transmissions from many other potential sources of interference.

This makes the model 17611 ideal for use at "high-density" receive sites - as it also provides deep rejection of these other bands:

- C-band 3.4 - 6.725 GHz
- Maritime & Aeronautical Radionavigation 9 - 11 GHz
- Ku-band 10.7 - 14.5 GHz

- Compact Size:
 - Less than half the length of most TRFs
 - Great for installing in confined spaces
- Easy bolt-on installation
- Other flange configurations are available upon request



Specifications:

Passband:	7.25 - 7.75 GHz
Passband Loss:	1 dB Typ
Passband VSWR:	1.29:1 Max
Rejection:	80 dB Typ from DC to 7 GHz 75 dB Min from 7.9 - 8.4 GHz 80 dB Typ from 9 - 15 GHz
Operating Temp Range:	-30°C to +65°C
Flanges:	WR112 Cover
Weight:	0.8 lbs (0.36 Kg)
Dimensions:	8.45" x 1.88" x 1.88" (214mm x 48mm x 48mm)
Finish:	Gray Lacquer

All MFC Products Designed and Manufactured in the USA



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