



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

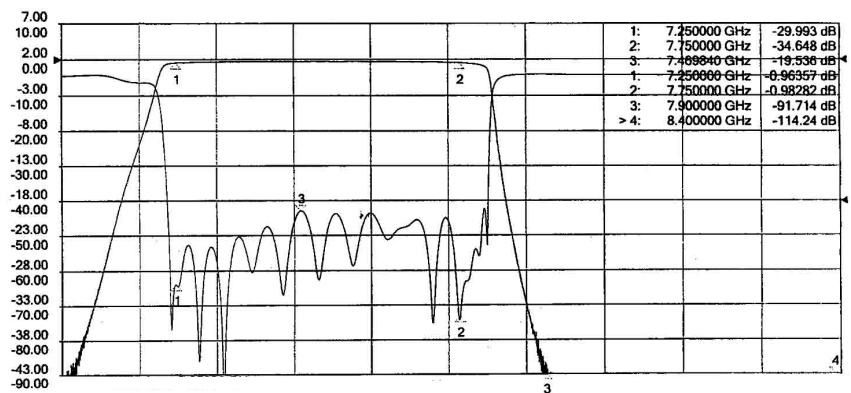
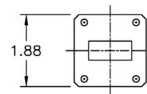
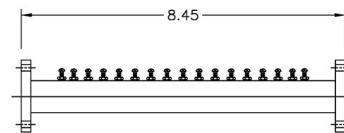
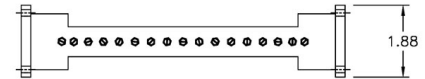
Ku-band 10.7 - 14.5 GHz

• **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 8 - 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

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