



MFC

Microwave Filter Company, Inc.

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

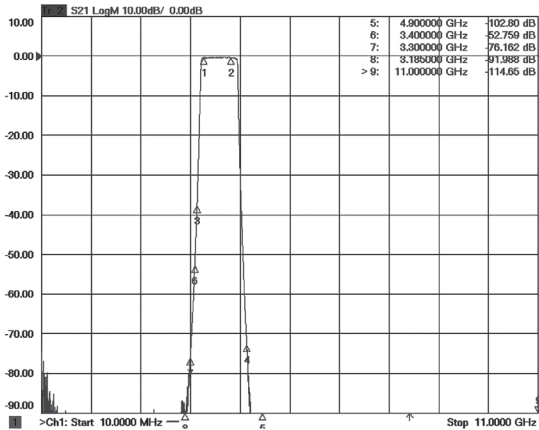
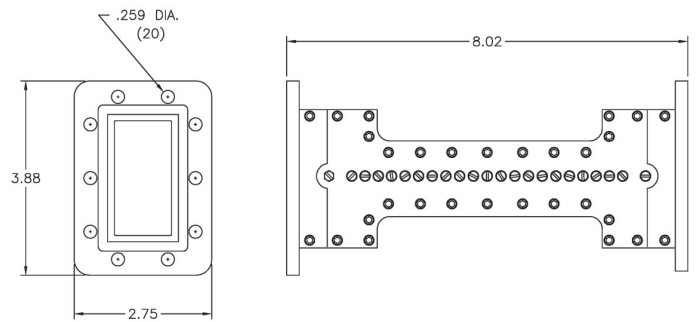
Multi-Purpose (Standard & Extended)
C-Band Receive Filter
Model 17190

This versatile filter not only rejects the C-band transmit band (5.825-6.725 GHz), but also rejects transmissions from *other potential sources of interference*, that standard TRFs do not.

Ideal for use at "high-density" receive sites, the model 17190 TRF provides excellent **rejection** of these *other* bands :

- Maritime Radionavigation** 3 - 3.1 GHz
- Radar** 3.1 - 3.45 GHz
- Wireless Services (Point-Multipoint)** 4.55 - 4.9 GHz
- X-band** 7.25 - 8.4 GHz
- Maritime & Aeronautical Radionavigation** 9 - 11 GHz

- Easy bolt-on installation and no power supply required
- Other flange configurations are available upon request



Model 17190 - Typical Response

Specifications:

Passband:	3.6 - 4.2 GHz
Passband Loss:	0.25 dB Typ
Passband VSWR:	1.22:1 Max 1.15:1 Typ
Rejection:	80 dB Typ from DC to 3.185 GHz 70 dB Typ @ 3.3 GHz 45 dB Typ @ 3.4 GHz 20 dB Min @ 3.45 GHz 60 dB Min from 4.55 - 4.9 GHz 90 dB Min from 4.9 - 14 GHz
Flanges:	CPR229G
Weight:	1.5 lbs (0.68 Kg)
Dimensions:	8.02" x 3.88" x 2.75" (204mm x 98mm x 70mm)
Finish:	Flat Black Lacquer

All MFC Products Designed and Manufactured in the USA



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