



MFC

Microwave Filter Company, Inc.

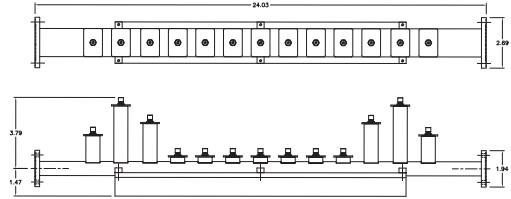
Creating Filters and Components to 50 Ghz for Over 50 Years!

X-Band Receive Reject Filter
Model 16602

This uplink (transmit) filter offers very low loss, very high down-link band suppression and it's WR137 construction makes it ideal for transmitting at higher power levels.

Specifications:

Passband: 7.9 - 8.4 GHz
 Insertion Loss: 0.2 dB Typ
 VSWR: 1:15:1 Typ
 Rejection Band: 7.25 - 7.75 GHz
 Rejection: 90 dB Min
 Power: 0.5 KW (CW)
 Flanges: CPR137G
 Weight: 5.6 lbs (2.5 Kg)
 Dimensions: 24.03" x 2.69" x 4.75"
 (610mm x 68mm x 121mm)



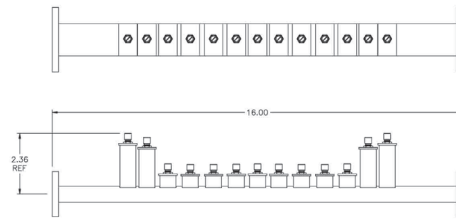
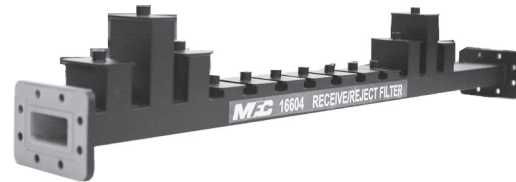
X-Band Receive Reject Filter

Model 16604

This uplink filter provides ultra-high suppression of the downlink band making it the choice for co-located X-band operation.

Specifications:

Passband: 7.9 - 8.4 GHz
 Insertion Loss: 0.40 dB Typ
 VSWR Input: 1.30:1 Typ
 Reject Band: 7.25 - 7.75 GHz
 Rejection: 110 Typ
 Power: 0.5 KW (CW)
 Operating Temperature: -55°C to +70°C
 Flanges: See chart
 Weight: 2.5 lbs (1.13 Kg)
 Dimensions: 16.0" x 2.50" x 3.25"
 (406mm x 63mm x 82mm)



Flange Configurations

Model #	Input	Output
16604	CPR112G	CPR112G
16604A	CPR112F	CPR112G
16604B	WR112 Cover	WR112 Grooved

All MFC Products Designed and Manufactured in the USA



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