



MFC

Microwave Filter Company, Inc.

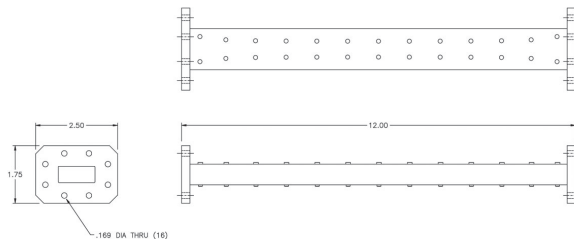
Creating Filters and Components to 50 Ghz for Over 50 Years!

X-Band Receive Reject Filter
Model 16508

This relatively compact uplink filter is the choice for those size-constrained transmit applications.

Specifications:

Passband:	7.9 - 8.4 GHz
Insertion Loss:	0.5 dB Max, 0.4 dB Typ
VSWR:	1.2:1 Max
Reject Band:	7.25 - 7.75 GHz
Rejection:	60 dB Min
Passband Power:	0.5 kW (CW)
Operating Temperature Range:	-40°C to +60°C
Pressurization	5 PSI
Flanges:	CPR112F (Input) CPR112G (Output)
Weight:	1.5 lbs (0.68 Kg)
Dimensions:	12.0" x 2.5" x 1.75" (305mm x 63mm x 44mm)



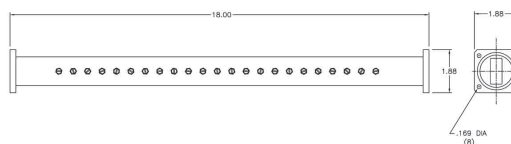
X-Band Receive Reject Filter

Model 16605 Series

This versatile uplink filter not only isolates transmission from the (lower frequency) downlink band, it's bandpass design also provides suppression above the transmit band to 10 GHz.

Specifications:

Passband:	7.9 - 8.4 GHz
Insertion Loss:	0.55 dB Typ
VSWR:	1:15:1 Max
Insertion Loss:	0.55 dB
Rejection:	90 dB Min @ 7.75 GHz 100 dB Min @ 8.75 GHz
Power:	700 W Max
Flanges:	Cover 112 Flat (Input) Cover 112 Grooved (Output)
Weight:	1.9 lbs (0.86 Kg)
Dimensions:	18.0" x 1.88" x 1.88" (457mm x 48mm x 48mm)
Finish:	Flat Black Lacquer
Weatherized for Outdoor Use	



Flange Configurations

Model #	Input	Output
16605	CPR112G	CPR112F
16605A	WR112 Cover	WR112 Grooved
16605B	WR112 Cover	WR112 Cover
16605C	WR112 Cover	CPR112G

All MFC Products Designed and Manufactured in the USA



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