



MFC

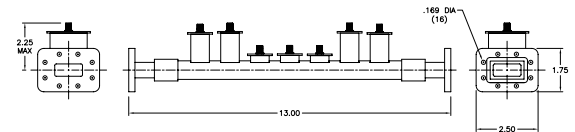
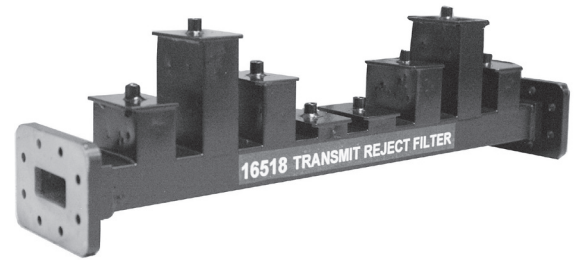
Microwave Filter Company, Inc.

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

Offering extremely low loss and high suppression of the uplink (transmit) band, this downlink filter's relatively compact size makes it ideal for use in size-constrained applications.

Specifications:

Passband:	7.25 - 7.75 GHz
Insertion Loss:	0.2 dB Max
VSWR:	1.15:1 Max
Reject Band:	7.9 - 8.4 GHz
Rejection:	55 dB Min
Flanges:	CPR112F (Input) CPR112G (Output)
Operating Temperature Range:	-40°C TO +60°C
Pressurization:	5 PSI TO 2 PSI > 2 Minutes
Weight:	2.3 lbs (1.05 Kg)
Dimensions:	13.0" x 2.50" x 2.80" (330mm x 63mm x 71mm)



X-Band Transmit Reject Filter

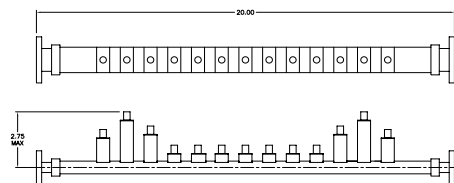
Model 16518

X-Band Transmit Reject Filter Model 16603

This downlink filter provides a CPR112 interface and offers extremely low loss, while exhibiting very high suppression of the uplink (transmit) band.

Specifications:

Passband:	7.25 - 7.75 GHz
Insertion Loss:	0.2 dB Typ
VSWR Input:	1.25:1 Typ
VSWR Output:	1.25:1 Typ
Reject Band:	7.9 - 8.4 GHz
Rejection:	90 dB Min
Power:	100 Watts
Pressure:	Sealed TO 5 PSIG
Flanges:	See chart
Weight:	4.0 lbs (1.82 Kg)
Dimensions:	20.25" x 2.50" x 3.75" (514mm x 63mm x 95mm)
Finish:	Flat Black Lacquer



Flange Configurations

Model #	Input	Output
16603	CPR112F	CPR112G
16603A	WR112 Grooved	CPR112G
16603B	WR112 Cover	WR112 Grooved

All MFC Products Designed and Manufactured in the USA



E-Mail: Sales@iktechcorp.com