

# **FMF 2-10** **10 Kw BAND PASS FILTER / FILTRO FM 10 Kw PASABANDA** **FMF 3-10** **2 , 3 , 4 Cavities / 2 , 3 , 4 Cavidades** **FMF 4-10**

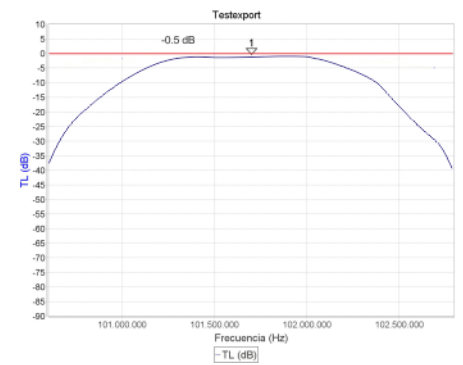
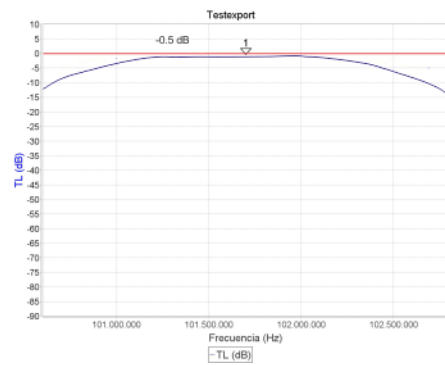
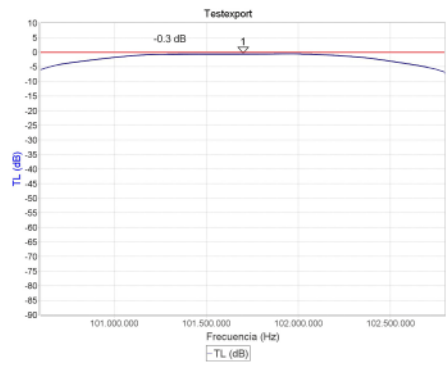
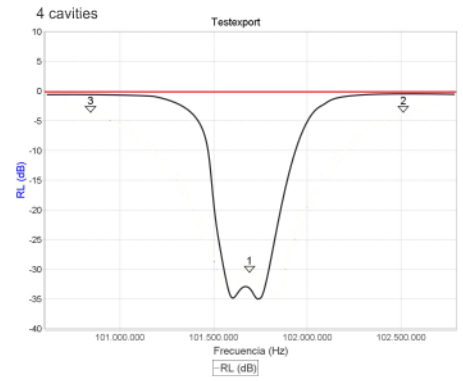
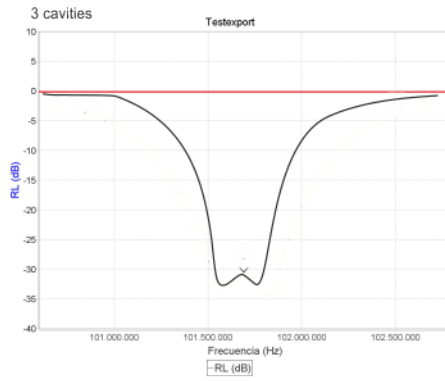
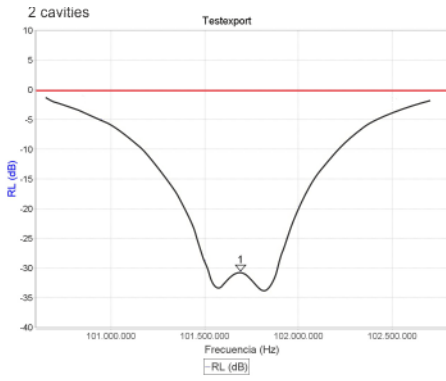
Tuning Stainless steel solid rod	Varillas de acero inoxidable
Brass pipes	Tubos en laton
1 5/8 connector 3 1/8 Under request	Conector 1 5/8 3 1/8 bajo pedido
Bajas perdidas	Bajas perdidas
From 2 Up to 4 cavities	Desde 2 hasta 4 cavidades
Aluminum structure	Estructura en aluminio
Stainless steel bolts	Tornillos en acero inoxidable
Ajustable from 87,5 to 108 Mhz	Ajustable 87,5 a 108 Mhz
VSWR 1.1:1 +/- 150 Khz	VSWR 1,1: 1 +/- 150 Khz
Impedance 50 Ohms	Impedancia 50 Ohmos
87-108 Mhz Adjustable	Ajustable 88-108 Mhz
Materials:	Materiales:
Brass, Teflon, Stainless Steel, Aluminum	Acero inoxidable, laton, teflon, aluminio



## Technical data / Datos tecnicos

Model	Cavities	MAX POWER	In / Out Connector	Weight	Group Delay	High Cm	Width Cm	Deep
<i>FMF 2-10</i>	2	10 Kw	1 5/8	80	10 nS	1050	990	500
<i>FMF 3-10</i>	3	10 Kw	1 5/8	120	12 nS	1050	1490	500
<i>FMF 4-10</i>	4	10 KW	1 5/8	160	14nS	1050	1990	500

Model	Atenuation @ +/- 2 Mhz	Atenuation @ +/- 6 Mhz	Insertion loss
<i>FMF 2-10 2 Cavities</i>	25 dB	40 dB	>0,1 dB
<i>FMF 3-10 3 cavities</i>	45 dB	65 dB	>0,2 dB
<i>FMF 4-10 4 cavitieds</i>	60 dB	80 dB	>0,6 dB



## DIPLEXERS / DIPLEXORES

MODEL	INPUT power Kw	Cavities	Min. Frequency separation	Input connector	Output connector	Insertion Losses
Diplex 2X10-2	10	2	3 Mhz Starpoint* 2 Mhz constant load*	1 5/8	3 1/8	<0.1
Diplex 2X10-3	10	3	1.4 Mhz Starpoint* 1.0 Mhz constant load*	1 5/8	3 1/8	<0.2
Diplex 2X10-4	10	4	2.0 Mhz Starpoint* 0.5 Mhz Constant load*	1 5/8	3 1/8	<0.6

\*Constant load: Up to 14 Frequencies  
We combine diferentes filters power.

**5 KW Diplexer , triplexer, -X**  
insertion loss .4 .5 .7 .9 dB  
Return losses > 20dB  
isolation 1,2 MHz >25dB  
Connectors E/S 7/8- 1 5/8 7/8- 1 5/8 7/8- 3 1/8 7/8- 3 1/8

**10KW Diplexer , triplexer, X**  
insertion loss .3 .5. .7 dB  
Return losses > 20dB  
isolation (a) 1,2 MHz >25dB  
Connectors E/S 3 1/8 - 3 1/8 1 5/8 - 3 1/8

