



UHF 6th Order (4+2)Dual Mode Reflective DTV/DVB-T Mask Filter

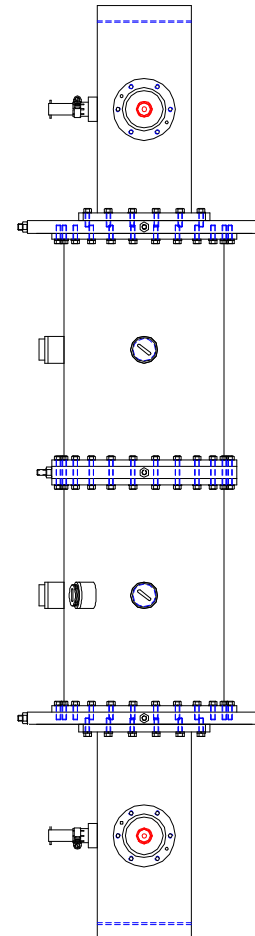
- **Thermally Adjusted**
- **DTV Mask Compliant**
- **3-1/8 EIA In and Out
Other Connectors Available**
- **Thermally Stable Invar
Available upon request**

Electrical Specifications

Filter Type	Band Pass Dual Mode
Order	6th
Frequency Range	470- 862 MHz
Impedance	50 Ohm
Maximum RMS Power	20kW(30kw Max- 4-1/16EIA)
Connectors	3-1/8 EIA(Male)
Channel Bandwidth	6 MHz (8MHz Optional)
VSWR	1.08:1
Insertion Loss	@ $f_c = .25$ dB
Frequency Response	6MHz Pass Band
$f_c \pm 4.0$ MHz	≤ 5.9 dB
$f_c \pm 4.5$ MHz	≤ 11.6 dB
$f_c \pm 5.0$ MHz	≤ 18.0 dB
$f_c \pm 5.5$ MHz	≤ 25.0 dB
$f_c \pm 6.0$ MHz	≤ 30.0 dB
$f_c \pm 9.0$ MHz	≤ 60.0 dB
Group Delay Variation	≤ 150 ns
Normal Operating Temp.	Ambient to 150°F (65°C)

Mechanical & Environmental Specifications

Dimensions -Typical @CH 33	16.5"Ø x 68" LG	
Materials	Outer Conductor	6061 Aluminum
	Finishing	Long Lasting Black Paint
	Hardware	Stainless Steel
Temperature Range	-10° to +50°C	



15 Caron Street - Merrimack, New Hampshire 03054- Tel: (603) 429-0800 - Fax: (603) 429-1633

Email: sales@mcibroadcast.com

www.mcibroadcast.com

3/25/2009