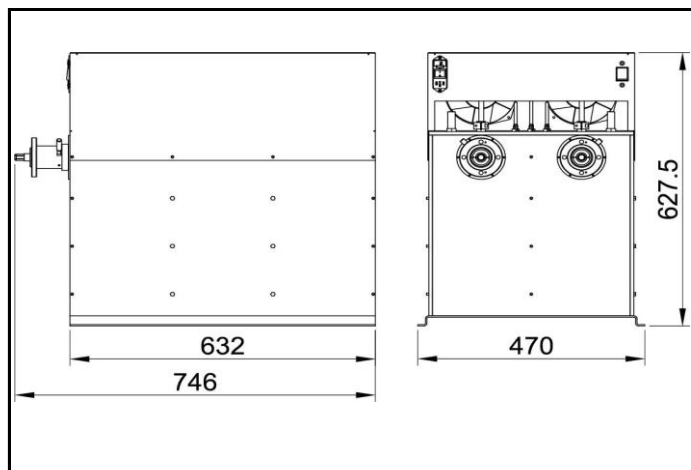


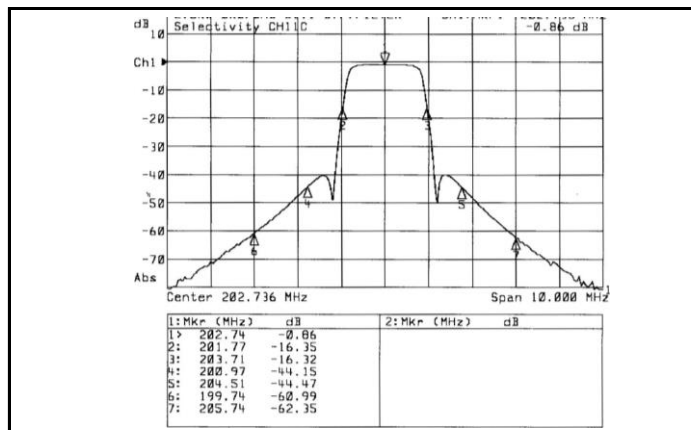
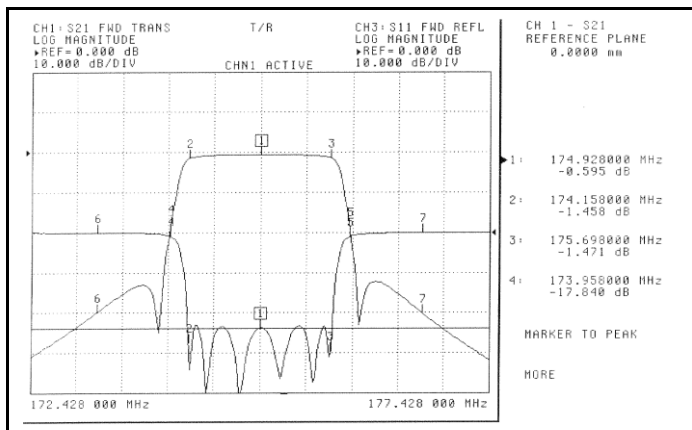
**PART NUMBER:** 1491-6-V

**TITLE:** 6kW DMB/DAB 6 CAVITIES FILTER WITH CROSS COUPLING



Mask filter for DAB and T-DMB  
 Tunable within BIII without any changing  
 DC block

Connections (*)	EIA 1 5/8"
Temperature range (C°)	-10 ÷ 50
Temperature stability	2kHz / °K
Weight (kg)	55



ELECTRICAL CHARACTERISTICS SUPER CRITICAL MASK	
Frequency Range (MHz)	170 ÷ 240
Bandwidth (MHz)	1.54
Insertion Loss (dB) @ fo	< 0.75
Insertion Loss (dB) @ fo ± 0.77 MHz	< 1.8
Attenuation @ fo ± 0.97 MHz (dB)	> 16
Attenuation @ fo ± 1.77 MHz (dB)	> 40
Attenuation @ fo ± 2.2 MHz (dB)	> 45
Attenuation @ fo ± 3 MHz (dB)	> 55
Maximum amplitude variation (dB)	1.05
Maximum input power (W)	6000
Return loss (dB)	> 22 (typical >24)
Input/output impedance (Ohm)	50
Maximum group delay variation (ns)	950

ELECTRICAL CHARACTERISTICS CRITICAL MASK	
Frequency Range (MHz)	170 ÷ 240
Bandwidth (MHz)	1.54
Insertion Loss (dB) @ fo	< 0.7
Insertion Loss (dB) @ fo ± 0.77 MHz	< 1.4
Attenuation @ fo ± 0.97 MHz (dB)	> 10
Attenuation @ fo ± 1.77 MHz (dB)	> 40
Attenuation @ fo ± 2.2 MHz (dB)	> 45
Attenuation @ fo ± 3 MHz (dB)	> 55
Maximum amplitude variation (dB)	0.7
Maximum input power (W)	6000
Return loss (dB)	> 24 (typical >26)
Input/output impedance (Ohm)	50
Maximum group delay variation (ns)	900