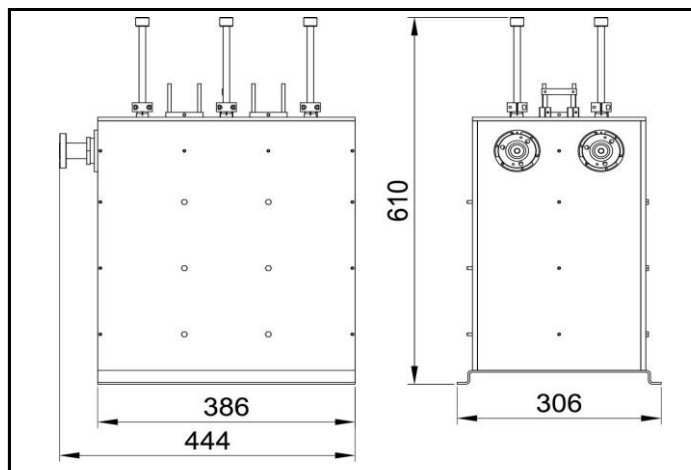


**PART NUMBER:** 1661-6

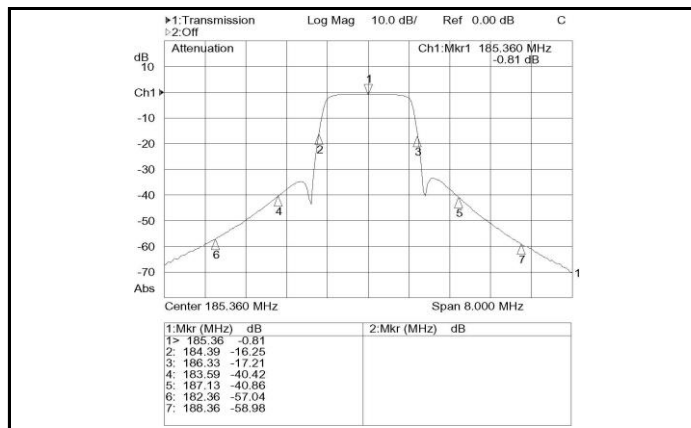
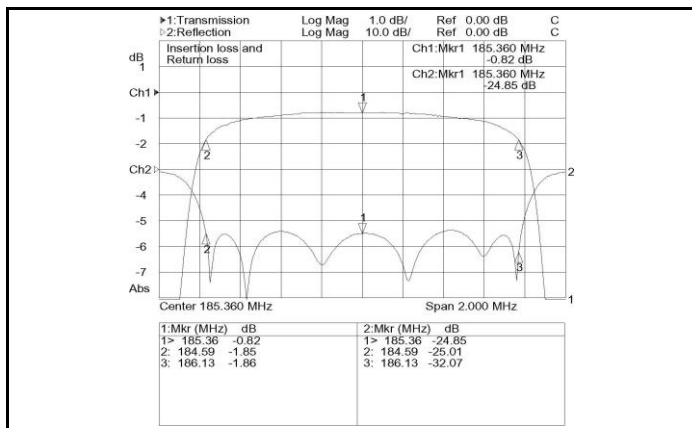
**TITLE:** 1.2kW DAB/DMB 6 CAVITIES FILTER WITH CROSS COUPLING



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

Connections (*)	EIA 7/8"
Temperature range (C°)	-10 ÷ 50
Temperature stability	2kHz / °K
Weight (kg)	31

(\*) Different connectors on request



ELECTRICAL CHARACTERISTICS SUPER CRITICAL MASK	
Frequency Range (MHz)	170 ÷ 240
Bandwidth (MHz)	1.54
Insertion Loss (dB) @ fo	< 1
Insertion Loss (dB) @ fo ± 0.77 MHz	< 2.3
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)	1.2
Maximum input power (W)	1200
Return loss (dB)	> 22 (typical >24)
Input/output impedance (Ohm)	50
Maximum group delay variation (ns)	900

ELECTRICAL CHARACTERISTICS CRITICAL MASK	
Frequency Range (MHz)	170 ÷ 240
Bandwidth (MHz)	1.54
Insertion Loss (dB) @ fo	< 0.9
Insertion Loss (dB) @ fo ± 0.77 MHz	< 1.8
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)	0.9
Maximum input power (W)	1200
Return loss (dB)	> 24 (typical >26)
Input/output impedance (Ohm)	50
Maximum group delay variation (ns)	850