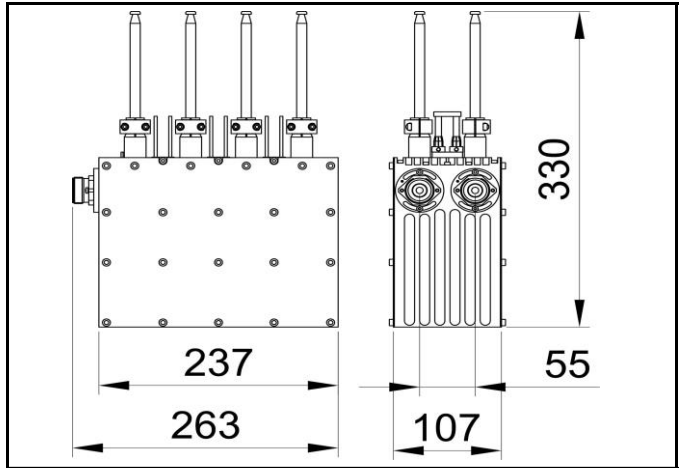


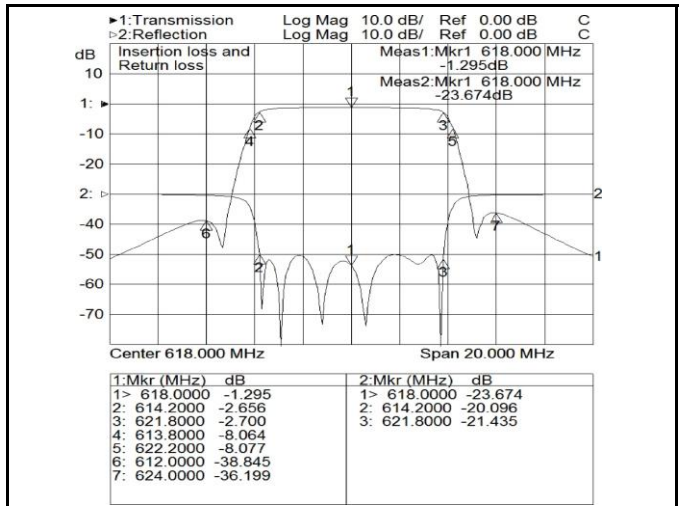
**PART NUMBER:** 1468  
**TITLE:** 250W UHF/DTV 8 POLES BAND PASS FILTER  
 CROSS COUPLING CRITICAL MASK



Tunable within whole UHF range.  
 For 6,7,8 MHz channel bandwidth.  
 DC block.  
 Different connectors on request.

<b>Connectors:</b>	DIN 7/16
<b>Max operating temperature (C°):</b>	70
<b>Temperature stability (kHz/K):</b>	< 2
<b>Weight (kg):</b>	8

<b>DVB-T @ 8 MHz</b>	
Frequency Range (MHz)	470 ÷ 862
Insertion Loss (dB) @ fo	< 1.5
Insert. Loss (dB) @ fo ± 3.805 MHz	< 2.7
Attenuation @ fo ± 4.2 MHz (dB)	> 8
Attenuation @ fo ± 6 MHz (dB)	> 35
Attenuation @ fo ± 12 MHz (dB)	> 55
Maximum Amplitude Variation (dB)	1.2
Return Loss (dB)	> 20
Input/Output Impedance (Ohm)	50
Maximum Input Power (W)	250 (RMS)
Max. Group Delay Variation (ns)	300



<b>ISDB-T @ 6 MHz</b>	
Frequency Range (MHz)	470 ÷ 862
Insertion Loss (dB) @ fo	< 1,6
Insertion Loss (dB) @ fo ± 2.79 MHz	< 2,8
Attenuation @ fo ± 3.15 MHz (dB)	> 8
Attenuation @ fo ± 4.5 MHz (dB)	> 35
Attenuation @ fo ± 9 MHz (dB)	> 55
Maximum Amplitude Variation (dB)	1,2
Return Loss (dB)	> 22
Input/Output Impedance (Ohm)	50
Maximum Input Power (W)	250 (RMS)
Max. Group Delay Variation (ns)	350

<b>ATSC @ 6 MHz</b>	
Frequency Range (MHz)	470 ÷ 862
Insertion Loss (dB) @ fo	< 1,55
Insertion Loss (dB) @ fo ± 2.9 MHz	< 2,7
Attenuation @ fo ± 3.5 MHz (dB)	> 7
Attenuation @ fo ± 6 MHz (dB)	> 35
Attenuation @ fo ± 9 MHz (dB)	> 63
Maximum Amplitude Variation (dB)	1,15
Return Loss (dB)	> 22
Input/Output Impedance (Ohm)	50
Maximum Input Power (W)	250 (RMS)
Max. Group Delay Variation (ns)	350