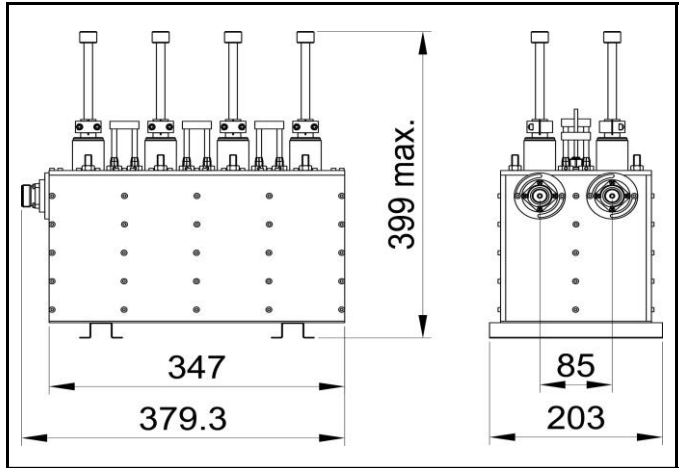


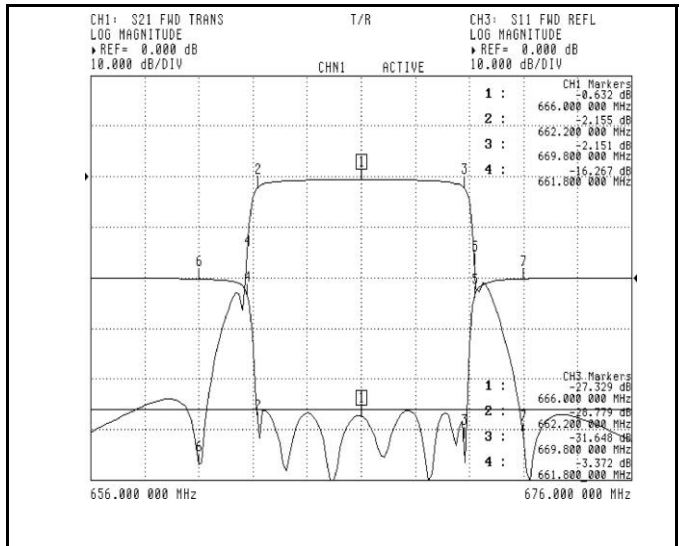
**PART NUMBER: 1494-2N**  
**TITLE: 600W UHF/DTV 8 POLES BAND PASS FILTER**  
**DUAL CROSS COUPLING CRITICAL MASK**



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

Connectors:	DIN 7/16
Max operating temperature (C°):	70
Temperature stability (kHz/K):	< 2
Weight (kg):	15

<b>DVB-T</b> <b>@ 8 MHz</b>	
Frequency Range (MHz)	470 ÷ 862
Insertion Loss (dB) @ fo	< 0.7
Insert. Loss (dB) @ fo ± 3.805 MHz	< 2.4
Insert. Loss (dB) @ fo ± 3.9 MHz	< 2.8
Attenuation @ fo ± 4.2 MHz (dB)	> 15
Attenuation @ fo ± 6 MHz (dB)	> 30
Attenuation @ fo ± 12 MHz (dB)	> 50
Maximum Amplitude Variation (dB)	1.7
Return Loss (dB)	> 26
Input/Output Impedance (Ohm)	50
Maximum Input Power (W)	600 (RMS)
Max. Group Delay Variation (ns)	350



<b>ISDB-T</b> <b>@ 6 MHz</b>	
Frequency Range (MHz)	470 ÷ 862
Insertion Loss (dB) @ fo	< 0,8
Insertion Loss (dB) @ fo ± 2.79 MHz	< 2
Attenuation @ fo ± 3.15 MHz (dB)	> 15
Attenuation @ fo ± 4.5 MHz (dB)	> 30
Attenuation @ fo ± 9 MHz (dB)	> 60
Maximum Amplitude Variation (dB)	1,2
Return Loss (dB)	> 25
Input/Output Impedance (Ohm)	50
Maximum Input Power (W)	550 (RMS)
Max. Group Delay Variation (ns)	400

<b>ATSC</b> <b>@ 6 MHz</b>	
Frequency Range (MHz)	470 ÷ 862
Insertion Loss (dB) @ fo	< 0,75
Insertion Loss (dB) @ fo ± 2.9 MHz	< 1,6
Attenuation @ fo ± 3.5 MHz (dB)	> 18
Attenuation @ fo ± 6 MHz (dB)	> 50
Attenuation @ fo ± 9 MHz (dB)	> 63
Maximum Amplitude Variation (dB)	0,85
Return Loss (dB)	> 24
Input/Output Impedance (Ohm)	50
Maximum Input Power (W)	550 (RMS)
Max. Group Delay Variation (ns)	400

Data subject to change without notice

