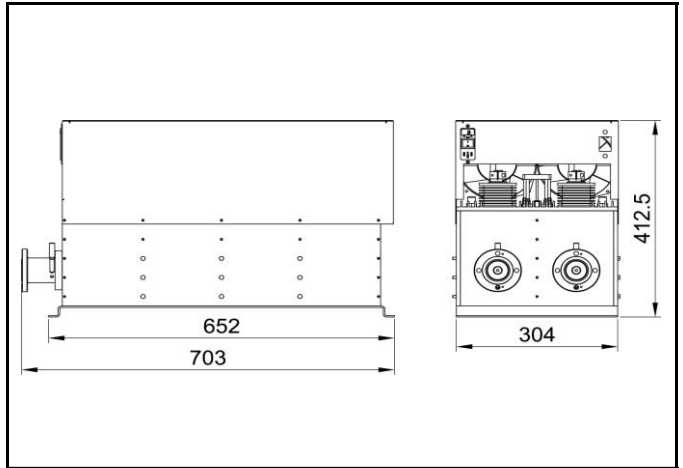
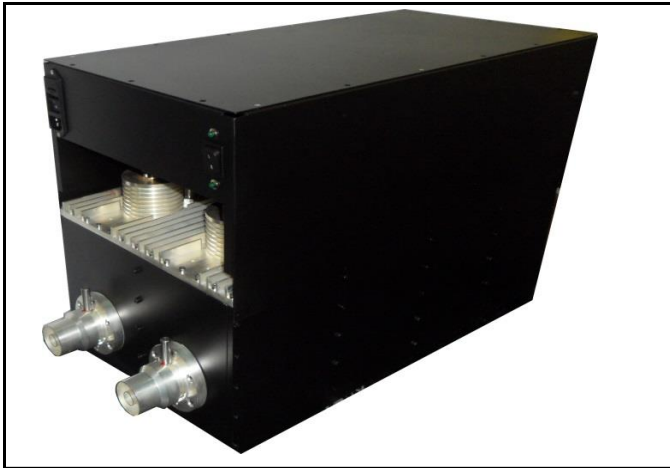


**PART NUMBER:** 1604-8-2N-HS-V

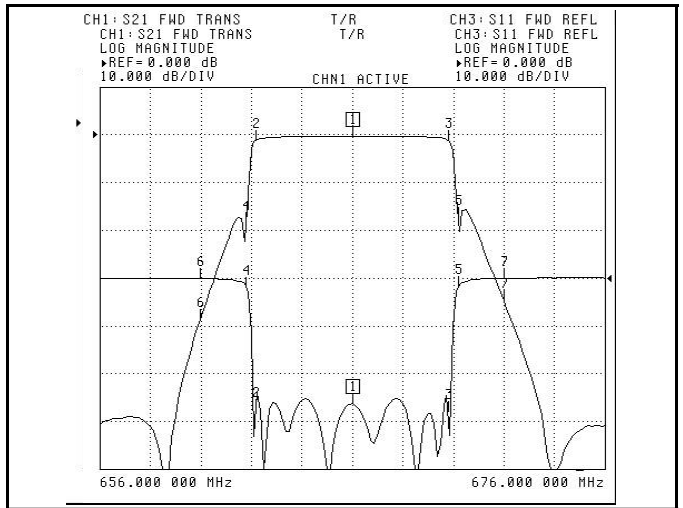
**TITLE:** 3.5kW UHF/DTV 8 POLES BAND PASS FILTER  
DUAL CROSS COUPLING CRITICAL MASK (FORCED AIR COOLED)



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

<b>Connectors:</b>	EIA 1 5/8"
<b>Max operating temperature (C°):</b>	70
<b>Temperature stability (kHz/K):</b>	< 2
<b>Weight (kg):</b>	39

<b>DVB-T2 / BVB-T</b> <b>@ 8 MHz</b>	
Frequency Range (MHz)	470 ÷ 862
Insertion Loss (dB) @ fo	< 0,38
I.L. (dB) @ fo ± 3.805 MHz	< 1,65
I.L. (dB) @ fo ± 3.885 MHz	< 2,45
Attenuation @ fo ± 4.2 MHz (dB)	> 15 / > 14
Attenuation @ fo ± 6 MHz (dB)	> 30
Attenuation @ fo ± 12 MHz (dB)	> 51
Return Loss (dB)	> 23 / >25
Input/Output Impedance (Ohm)	50
Maximum Input Power (W)	3500 (RMS)
Max. Group Delay Variation (ns)	700



<b>ISDB-T</b> <b>@ 6 MHz</b>	
Frequency Range (MHz)	470 ÷ 862
Insertion Loss (dB) @ fo	< 0,5
Insertion Loss (dB) @ fo ± 2.79 MHz	< 1,3
Attenuation @ fo ± 3.15 MHz (dB)	> 15
Attenuation @ fo ± 4.5 MHz (dB)	> 31
Attenuation @ fo ± 9 MHz (dB)	> 61
Return Loss (dB)	24
Input/Output Impedance (Ohm)	50
Maximum Input Power (W)	3050 (RMS)
Max. Group Delay Variation (ns)	720

<b>ATSC 3.0 / ATSC 1.0</b> <b>@ 6 MHz</b>	
Frequency Range (MHz)	470 ÷ 862
Insertion Loss (dB) @ fo	< 0,4
Insertion Loss (dB) @ fo ± 2.69 MHz	< 0,7
Insertion Loss (dB) @ fo ± 2.9 MHz	< 1
Attenuation @ fo ± 3.5 MHz (dB)	> 15
Attenuation @ fo ± 6 MHz (dB)	> 45
Attenuation @ fo ± 9 MHz (dB)	> 63
Return Loss (dB)	25
Input/Output Impedance (Ohm)	50
Maximum Input Power (W)	3150 (RMS)
Max. Group Delay Variation (ns)	450