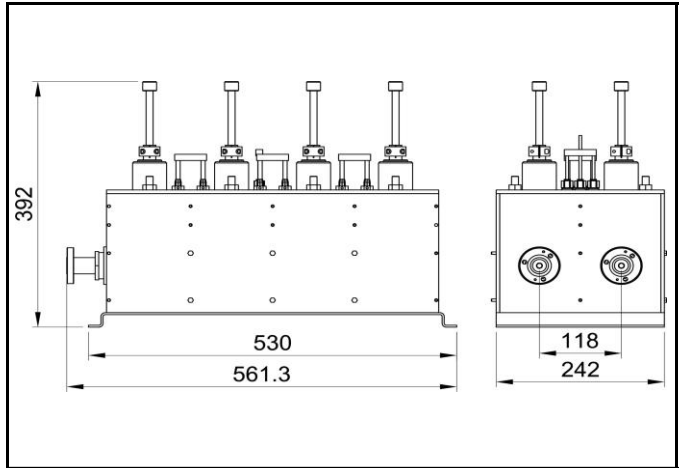


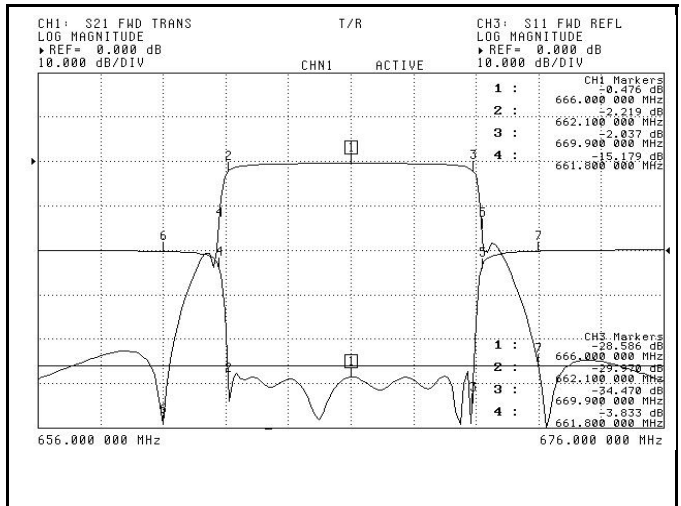
**PART NUMBER: 1601-8-2N**  
**TITLE: 1.5kW UHF/DTV 8 POLES BAND PASS FILTER**  
**DUAL CROSS COUPLING**



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

**Connectors:** EIA 7/8"  
**Max operating temperature (C°):** 70  
**Temperature stability (kHz/K):** < 2  
**Weight (kg):** 16

<b>DVB-T2 / BVB-T</b> @ 8 MHz	
Frequency Range (MHz)	470 ÷ 862
Insertion Loss (dB) @ fo	< 0,6
I.L. (dB) @ fo ± 3.805 MHz	< 2
I.L. (dB) @ fo ± 3.885 MHz	< 3,2
Attenuation @ fo ± 4.2 MHz (dB)	> 15 / > 14
Attenuation @ fo ± 6 MHz (dB)	> 30
Attenuation @ fo ± 12 MHz (dB)	> 50
Return Loss (dB)	> 25 / >26
Input/Output Impedance (Ohm)	50
Maximum Input Power (W)	1500 (RMS)
Max. Group Delay Variation (ns)	350 / 400



<b>ISDB-T</b> @ 6 MHz	
Frequency Range (MHz)	470 ÷ 862
Insertion Loss (dB) @ fo	< 0,7
Insertion Loss (dB) @ fo ± 2.79 MHz	< 1,8
Attenuation @ fo ± 3.15 MHz (dB)	> 15
Attenuation @ fo ± 4.5 MHz (dB)	> 30
Attenuation @ fo ± 9 MHz (dB)	> 60
Return Loss (dB)	25
Input/Output Impedance (Ohm)	50
Maximum Input Power (W)	1350 (RMS)
Max. Group Delay Variation (ns)	360

<b>ATSC 3.0 / ATSC 1.0</b> @ 6 MHz	
Frequency Range (MHz)	470 ÷ 862
Insertion Loss (dB) @ fo	< 0,65
Insertion Loss (dB) @ fo ± 2.69 MHz	< 1
Insertion Loss (dB) @ fo ± 2.9 MHz	< 1,4
Attenuation @ fo ± 3.5 MHz (dB)	> 15
Attenuation @ fo ± 6 MHz (dB)	> 50
Attenuation @ fo ± 9 MHz (dB)	> 63
Return Loss (dB)	26
Input/Output Impedance (Ohm)	50
Maximum Input Power (W)	1350 (RMS)
Max. Group Delay Variation (ns)	380 / 390