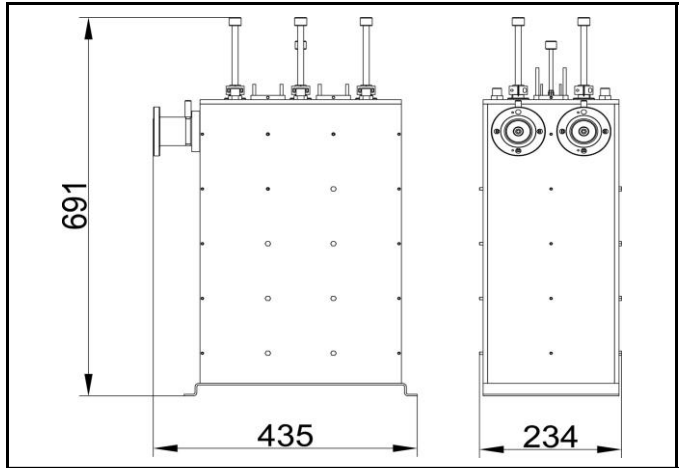


PART NUMBER: 1699-6-2N

TITLE:

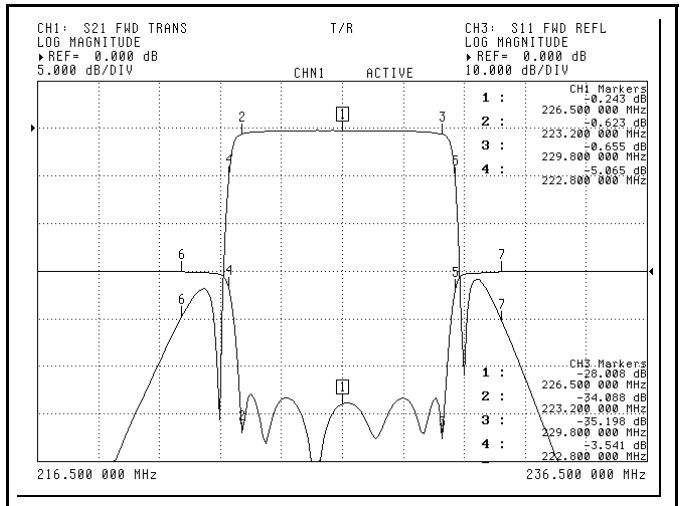
**2kW VHF/DTV 6 POLES BAND PASS FILTER
DUAL CROSS COUPLING UNCRITICAL MASK**



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

Connectors:	EIA 7/8" - EIA 1 5/8"
Max operating temperature (C°):	70
Temperature stability (kHz/K):	< 2
Weight (kg):	33

DVB-T @ 7 MHz	
Frequency Range (MHz)	170 ÷ 240
Insertion Loss (dB) @ fo	< 0.25
Insertion Loss (dB) @ fo ± 3.3 MHz	< 0.7
Attenuation @ fo ± 3.7 MHz (dB)	> 5
Attenuation @ fo ± 5.25 MHz (dB)	> 20
Attenuation @ fo ± 10.5 MHz (dB)	> 42
Maximum Amplitude Variation (dB)	0.45
Return Loss (dB)	> 26
Input/Output Impedance (Ohm)	50
Maximum Input Power (W)	2000 (RMS)
Max. Group Delay Variation (ns)	450



ISDB-T @ 6 MHz	
Frequency Range (MHz)	170 ÷ 240
Insertion Loss (dB) @ fo	< 0.3
Insertion Loss (dB) @ fo ± 2.79 MHz	< 0.75
Attenuation @ fo ± 3.15 MHz (dB)	> 5
Attenuation @ fo ± 4.5 MHz (dB)	> 20
Attenuation @ fo ± 9 MHz (dB)	> 45
Maximum Amplitude Variation (dB)	0.45
Return Loss (dB)	26
Input/Output Impedance (Ohm)	50
Maximum Input Power (W)	1700 (RMS)
Max. Group Delay Variation (ns)	400

ATSC @ 6 MHz	
Frequency Range (MHz)	170 ÷ 240
Insertion Loss (dB) @ fo	< 0.35
Insertion Loss (dB) @ fo ± 2.9 MHz	< 0.7
Attenuation @ fo ± 3.5 MHz (dB)	> 10
Attenuation @ fo ± 6 MHz (dB)	> 30
Attenuation @ fo ± 9 MHz (dB)	> 55
Maximum Amplitude Variation (dB)	0.35
Return Loss (dB)	26
Input/Output Impedance (Ohm)	50
Maximum Input Power (W)	1700 (RMS)
Max. Group Delay Variation (ns)	350