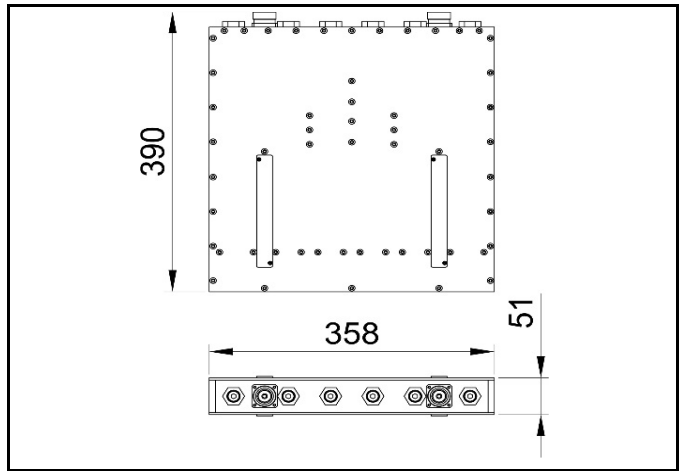


PART NUMBER: 1463-4-N-EP

TITLE: 300W VHF/DTV BAND PASS FILTER EXTRACT POLES

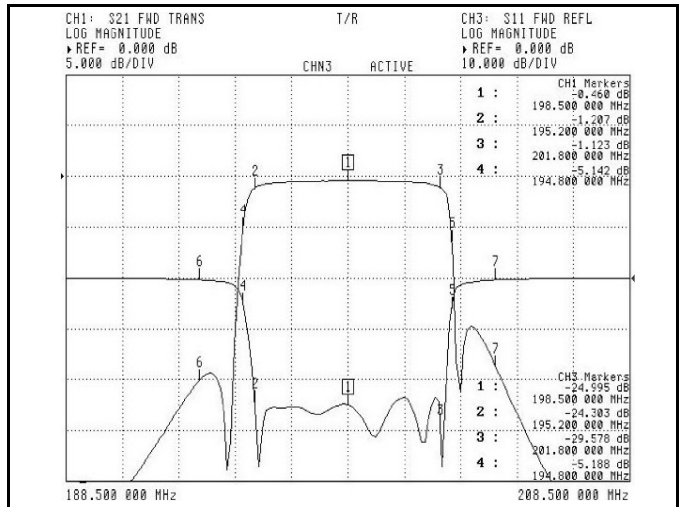
UNCRITICAL MASK



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

Connectors:	DIN 7/16
Max operating temperature (C°):	70
Temperature stability (kHz/K):	< 6
Weight (kg):	9

DVB-T @ 7 MHz	
Frequency Range (MHz)	170 ÷ 240
Insertion Loss (dB) @ fo	< 0.5
Insertion Loss (dB) @ fo ± 3.3 MHz	< 1.2
Attenuation @ fo ± 3.7 MHz (dB)	> 5
Attenuation @ fo ± 5.25 MHz (dB)	> 16
Attenuation @ fo ± 10.5 MHz (dB)	> 38
Maximum Amplitude Variation (dB)	0.7
Return Loss (dB)	> 24
Input/Output Impedance (Ohm)	50
Maximum Input Power (W)	300 (RMS)
Max. Group Delay Variation (ns)	250



ISDB-T @ 6 MHz	
Frequency Range (MHz)	170 ÷ 240
Insertion Loss (dB) @ fo	< 0.6
Insertion Loss (dB) @ fo ± 2.79 MHz	< 1
Attenuation @ fo ± 3.15 MHz (dB)	> 5
Attenuation @ fo ± 4.5 MHz (dB)	> 16
Attenuation @ fo ± 9 MHz (dB)	> 38
Maximum Amplitude Variation (dB)	0.4
Return Loss (dB)	> 25
Input/Output Impedance (Ohm)	50
Maximum Input Power (W)	250 (RMS)
Max. Group Delay Variation (ns)	280

ATSC @ 6 MHz	
Frequency Range (MHz)	170 ÷ 240
Insertion Loss (dB) @ fo	< 0.55
Insertion Loss (dB) @ fo ± 2.9 MHz	< 0.9
Attenuation @ fo ± 3.5 MHz (dB)	> 10
Attenuation @ fo ± 6 MHz (dB)	> 23
Attenuation @ fo ± 9 MHz (dB)	> 36
Maximum Amplitude Variation (dB)	0.25
Return Loss (dB)	> 25
Input/Output Impedance (Ohm)	50
Maximum Input Power (W)	280 (RMS)
Max. Group Delay Variation (ns)	220