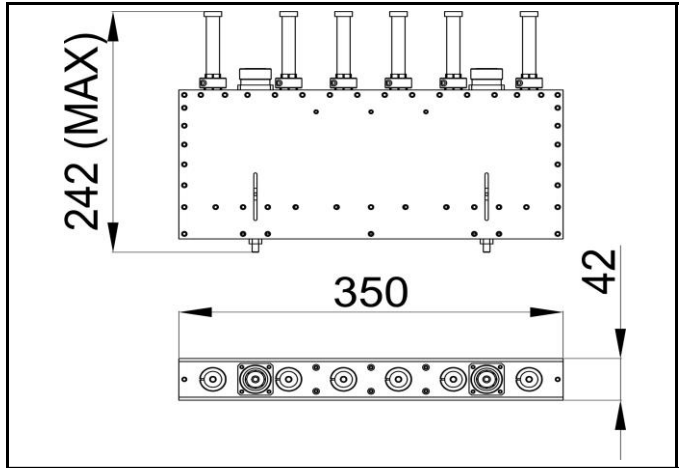


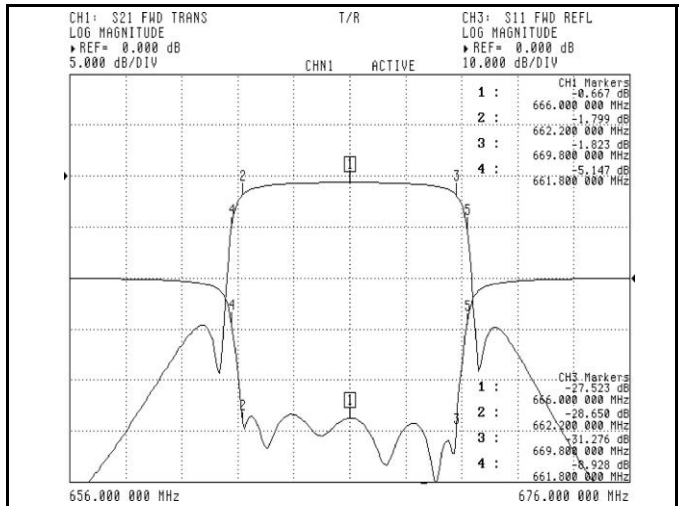
PART NUMBER: 1426-4-N-C
TITLE: 100W UHF DTV/ATV BAND PASS FILTER
 UNCRITICAL MASK



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):	5

DVB-T2 / BVB-T @ 8 MHz	
Frequency Range (MHz)	470 ÷ 862
Insertion Loss (dB) @ fo	< 0,8
I.L. (dB) @ fo ± 3.805 MHz	< 1,8
I.L. (dB) @ fo ± 3.885 MHz	< 2,1
Attenuation @ fo ± 4.2 MHz (dB)	> 5 / >4
Attenuation @ fo ± 6 MHz (dB)	> 16
Attenuation @ fo ± 12 MHz (dB)	> 40
Return Loss (dB)	> 24 / >25
Input/Output Impedance (Ohm)	50
Maximum Input Power (W)	100 (RMS)
Max. Group Delay Variation (ns)	350 / 300



ISDB-T @ 6 MHz	
Frequency Range (MHz)	470 ÷ 862
Insertion Loss (dB) @ fo	< 1,1
Insertion Loss (dB) @ fo ± 2.79 MHz	< 2,1
Attenuation @ fo ± 3.15 MHz (dB)	> 8
Attenuation @ fo ± 4.5 MHz (dB)	> 22
Attenuation @ fo ± 9 MHz (dB)	> 47
Return Loss (dB)	24
Input/Output Impedance (Ohm)	50
Maximum Input Power (W)	100 (RMS)
Max. Group Delay Variation (ns)	200

ATSC 3.0 / ATSC 1.0 @ 6 MHz	
Frequency Range (MHz)	470 ÷ 862
Insertion Loss (dB) @ fo	< 1,1
Insertion Loss (dB) @ fo ± 2.69 MHz	< 1,8
Insertion Loss (dB) @ fo ± 2.9 MHz	< 2
Attenuation @ fo ± 3.5 MHz (dB)	> 8 / > 12
Attenuation @ fo ± 6 MHz (dB)	> 24
Attenuation @ fo ± 9 MHz (dB)	> 36
Return Loss (dB)	26
Input/Output Impedance (Ohm)	50
Maximum Input Power (W)	100 (RMS)
Max. Group Delay Variation (ns)	160 / 140

