

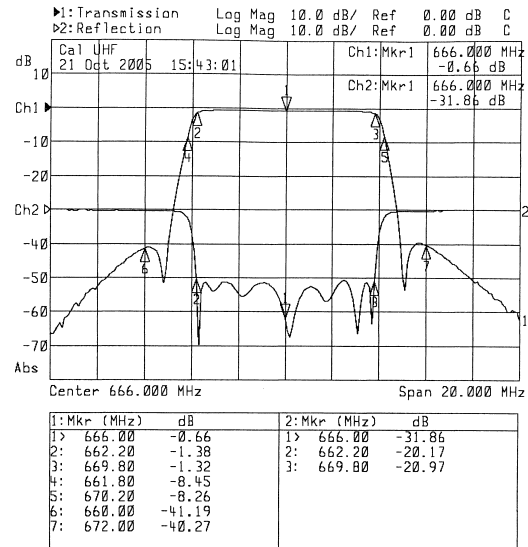
# Technical data sheet

Part Number **1604-8**

Digital Video Broadcasting

**Band IV-V**

**2.5kW UHF/DVB 8 Poles B. P. Filter with Cross Coupling - Critical Mask**



## Mechanical Characteristics

Connections	EIA 1 5/8"
Overall dimensions [WxDxH] [mm.]	337x671x415
Maximum Operating Temperature [C°]	70
Temperature Stability [ kHz / K ]	≤ 2
Weight [kg.]	30

## Electrical Characteristics

Frequency Range [MHz]	470 ÷ 862
Insertion Loss [dB] @ Fo	< 0.7
Insertion Loss [dB] @ Fo ± 3.805 MHz	< 1.4
Attenuation @ Fo ± 4.2 MHz [dB]	> 8
Attenuation @ Fo ± 6 MHz [dB]	> 40
Attenuation @ Fo ± 12 MHz [dB]	> 70
Maximum amplitude variation [dB]	0.7
Return loss [dB]	> 20
Input/Output Impedance [Ohm]	50
Maximum Input Power [W]	2500 (r.m.s.)
Max. Group Delay Variation [ns]	350

