

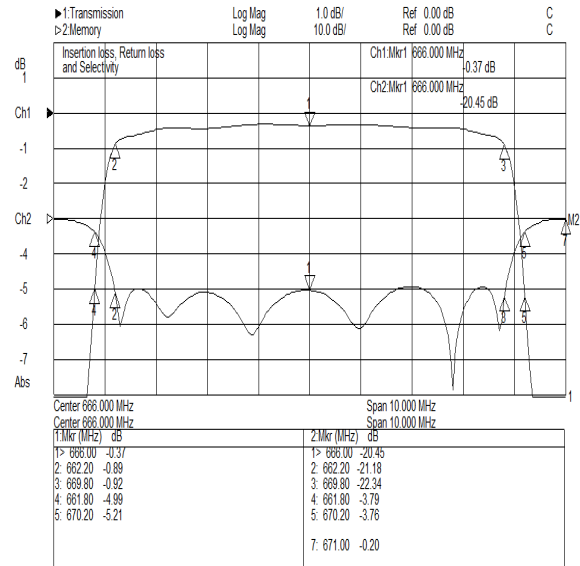
# Technical data sheet

Part Number **1604-6**

Digital Video Broadcasting

**Band IV-V**

**2.5kW UHF/DVB 6 Poles B. P. Filter with Cross Coupling - Uncr. Mask**



## Mechanical Characteristics

|                                    |                          |
|------------------------------------|--------------------------|
| Connections                        | EIA 1 5/8" or EIA 3 1/8" |
| Overall dimensions [WxDxH] [mm.]   | 305x526x415              |
| Maximum Operating Temperature [C°] | 70                       |
| Temperature Stability [ kHz / K ]  | ≤ 2                      |
| Weight [kg.]                       | 21                       |

## Electrical Characteristics

|                                      |               |
|--------------------------------------|---------------|
| Frequency Range [MHz]                | 470 ÷ 862     |
| Insertion Loss [dB] @ Fo             | < 0.45        |
| Insertion Loss [dB] @ Fo ± 3.805 MHz | < 1           |
| Attenuation @ Fo ± 4.2 MHz [dB]      | > 5           |
| Attenuation @ Fo ± 6 MHz [dB]        | > 40          |
| Attenuation @ Fo ± 12 MHz [dB]       | > 55          |
| Maximum amplitude variation [dB]     | 0.6           |
| Return loss [dB]                     | > 20          |
| Input/Output Impedance [Ohm]         | 50            |
| Maximum Input Power [W]              | 2500 (r.m.s.) |
| Max. Group Delay Variation [ns]      | 250           |

