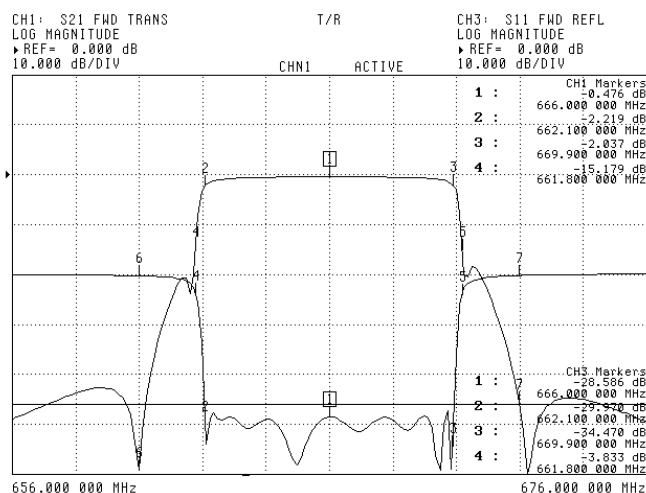


Technical data sheet

Part Number **1601-8-2N**

Digital Video Broadcasting

Band IV-V 1.5kW UHF/DVB 8 Poles B. P. Filter with dual Cross Coupling - Critical Mask



Mechanical Characteristics

| | |
|------------------------------------|-------------|
| Connections | EIA 7/8" |
| Overall dimensions [WxDxH] [mm.] | 282x536x400 |
| Maximum Operating Temperature [C°] | 70 |
| Temperature Stability [kHz / K] | ≤ 2 |
| Weight [kg.] | 16 |

Electrical Characteristics

| | |
|--------------------------------------|---------------|
| Frequency Range [MHz] | 470 ÷ 862 |
| Insertion Loss [dB] @ Fo | < 0.6 |
| Insertion Loss [dB] @ Fo ± 3.805 MHz | < 2 |
| Attenuation @ Fo ± 4.2 MHz [dB] | > 15 |
| Attenuation @ Fo ± 6 MHz [dB] | > 30 |
| Attenuation @ Fo ± 12 MHz [dB] | > 50 |
| Maximum amplitude variation [dB] | 1.4 |
| Return loss [dB] | > 26 |
| Input/Output Impedance [Ohm] | 50 |
| Maximum Input Power [W] | 1500 (R.M.S.) |
| Max. Group Delay Variation [ns] | 350 |

