

## Technical data sheet

Part Number 1309

Notch filters

### Band IV/V 40kW UHF Notch Filter with hybrids



#### Mechanical Characteristics

Connections	EIA 4 1/2"
Overall dimensions [WxDxH] [mm.]	1450x300x410
Temperature range [C°]	-10 ÷ 50
Weight [kg.]	100
Air cooling System [m3/h]	300

#### Electrical Characteristics

Frequency Range [MHz]	470 ÷ 862
Insertion Loss [dB]	< 0.1
Notch for each branch	7 + 1 (2° harmonic)
Peak Attenuation in Any Cavity [dB]	max. 35
Tunable Freq. (each notch) [MHz]	900 ÷ 1800
Maximum Input Power [W]	40000
Return loss [dB]	> 26
Input/Output Impedance [Ohm]	50