

420 MHz UHF Low Pass Filter High Power

FL700



The FL300 is a multi element elliptic function filter. Made up of low pass and high pass sections. It provides very low loss in band, whilst maintaining good rejection to medium wave and VHF broadcast transmissions. This ensures that the HF receiver is not overloaded by these transmissions.

Specification

Parameter	Limits
Frequency Range	dc to 420 Mhz (optimised 410-420MHz).
Pass band loss	< -0.15dB, < -0.1dB across optimised band
Pass band return loss	< -16dB
Rejection 820-840Mhz	< 60dB
Input Impedance	50 Ω
Output Impedance	50 Ω
Power Rating	1kW CW Max
Case Size	115 x 65 x 30 mm (excluding connectors)
Connectors	N type Female