



**FL007**  
**420 MHz UHF Low Pass Filter**  
**High Power**

The FL007 is a low pas filter intended for harmonic suppression of high power UHF broadcasts in the 410-420MHz band. These harmonics often cause interference to 800Mhz cellular services. It is based on a multi element Chebyshev filter response which represents. Its construction is unique offering very low <0.1dB loss in the passband whilst providing high level rejection in the 800Mhz band.



**Specification:**

Parameter

Limits

Frequency Range  
 Passband Loss  
 Pass Band return loss  
 Rejection 820-840Mhz

dc to 420 Mhz ( optimised 410-420MHz).  
 < 0.15dB, <0.1dB across optomised band  
 <16dB  
 >60dB

Input Impedance  
 Output Impedance

50Ω  
 50Ω

Power Rating

1kW CW Max

Case Size

115 x 65 x 30 ( excluding connectors )

Connectors

N type Female

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