

High-pass Filter

FL800 2MHz HF



The FL800 is a multi-element elliptic function filter. It is a high pass filter which provides very low loss in band, whilst maintaining good rejection to medium wave broadcast transmissions.

This ensures that the HF receiver is not overloaded by these high level transmissions.

Specification

Parameter	Limits
Frequency Range	2 – 30 Mhz
Pass band loss 2 - 4MHz	< 0.5dB.
Pass band loss	< 0.15dB.
Pass band return loss 2 - 4MHz	< -14dB. (VSWR Better than 1.5:1)
Pass band return loss 4 - 30MHz	< -20dB. (VSWR Better than 1.22:1)
Rejection DC – 1.5Mhz	< 50dB
Input Impedance	50 Ohms
Output Impedance	50 Ohms
Case Size	4" x 2.5" x 1.5"
Connectors	BNC