

The FL008 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 4 – 30MHz	<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	50Ω
Output Impedance	50Ω
Case Size	4" x 2.5" x 1.5"
Connectors	BNC