

**FL300 50MHz HF
Band-pass Filter**



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	2 – 50 Mhz
Pass band loss	(2-45MHz) <0.5dB. Typ. 0.3dB
Pass band return loss	(45-50Mhz) <0.6dB
Pass Band return loss	< -15dB
Rejection DC – 1.5Mhz	< 30dB
Rejection DC 62 – 200Mhz	< -40dB
Input Impedance	50 Ohms
Output Impedance	50 Ohms
Case Size	3" x 2" x 1"
Connectors	BNC