

The FL003 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
Passband Loss	(2-45MHz) <0.5dB. Typ. 0.3dB
Passband Loss	(45-50MHz) <0.6dB.
Pass Band return loss	< -15dB
Rejection DC – 1.5Mhz	< 30dB
Rejection 62MHz-200MHz	<-40dB
Input Impedance	50Ω
Output Impedance	50Ω
Case Size	3" x 2" x 1"
Connectors	BNC