

**STANCOM Pty Ltd**

**FL005B VHF  
High Power  
Low Pass Filter**

The FL005B is a low pass filter intended for harmonic suppression of high power FM broadcast transmitters. It is based on a multi element Chebyshev filter response which presents good return loss and very low insertion loss. Rejection of harmonics up to 1GHz reduced harmonic interference with other services.



**Specification:**

<u>Parameter</u>	<u>Limits</u>
Frequency Range	dc to 108MHz
Pass-band loss	<0.05dB ( Typ 0.03dB)
Pass-band return loss	<-20dB
Rejection:	
300MHz	<-20dB
400MHz	<-35dB
500MHz	<-45dB
600MHz	<-50dB
700MHz	<-55dB
800MHz	<-60dB
1000MHz	<-70dB
Input Impedance	50 Ω
Output Impedance	50 Ω
Power Rating	1kW CW
Case Size	115 x 65 x 30 mm (excluding connectors)
Connectors	N type Female

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