

Communications Equipment Interference Filter

Preventing switching spikes and noise generated by motors and other electrical equipment interfering with your communication and electronic equipment is an important part of any boat's electrical system. JEC has developed a filter that will help prevent interference getting into your wiring.

The JEC EMI Filter is available in two models to filter 2 or 4 circuits.

The EMI Filter is housed in an aluminium cast box, manufactured for marine and other severe applications. For cable entry, the specially designed nickel-plated brass glands provide watertight seals as well as electrically bonding any cable shield to the case. The housing is hard anodised and sealed with sodium dichromate and powder coated to eliminate corrosion.

Applications

Filters noises from various electronic DC equipment. Used on boat equipment, including electromagnetic clutches and motors with brushes to eliminate whining noises on HF radios.



Specifications

Rated Voltage:	50 VDC (Max 125)
Rated Current:	10A
Insulation Resistance:	Minimum 100 MOhm
Insertion Loss:	1 MHz to 1 GHz, 40 dB (20 - 25°)
Inline Impedance:	50 Ohm
Operating Temperature:	-30 to 85°C
Width (inc. connections):	98mm
Width (exc. connections):	54mm
Length:	60mm
Height:	31mm

Filter box size: 55mm x 60mm x 31mm
 Flanges extend the width from 55mm to 99mm
 Maximum cable size in standard flange: 8mm

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