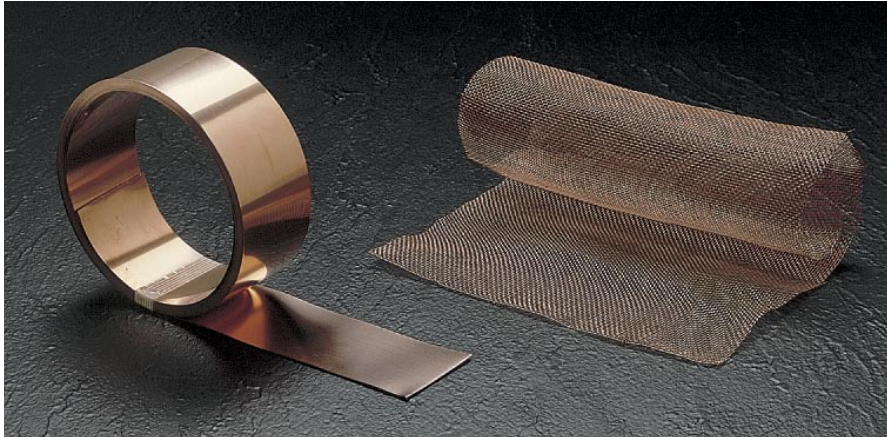


Grounding & Noise Filters



Copper Strap & Copper Screen Sizes

Model	Width	Length	Weight
GS-2-25	2" 5.1 cm	25' 8 meters	3 lbs. 1.4 kg
GS-2-50	2" 5.1 cm	50' 17 meters	5 lbs. 2.3 kg
GS-2-100	2" 5.1 cm	100' 33 meters	8 lbs. 3.6 kg
GS-4-100	4" 10.2 cm	100' 33 meters	16 lbs. 7.3 kg
Screen-25	4" 1.2 meters	25' 8 meters	16 lbs. 7.3 kg

Copper Strap

- Ideal conductor for RF grounding of SSB radios and other noise sensitive transceivers or for bonding of thru-hulls, etc.
- Flexible – easily conforms to vessel contours
- .01" (25mm) thick – see matrix for available lengths and widths

Copper Screen

- Tight copper mesh (.05" x .01" wire spacing) ideal for creating a ground plane in hull. Length: 25'; Width: 4'
- May be placed into electronics enclosures to provide an RF barrier.

Ground Shoes

- Provide an excellent noise-free RF ground by making direct contact with water outside hull.
- Porous copper construction magnifies contact area – see matrix for surface area equivalent
- Silicon bronze hardware provided (Not intended for lightning protection)

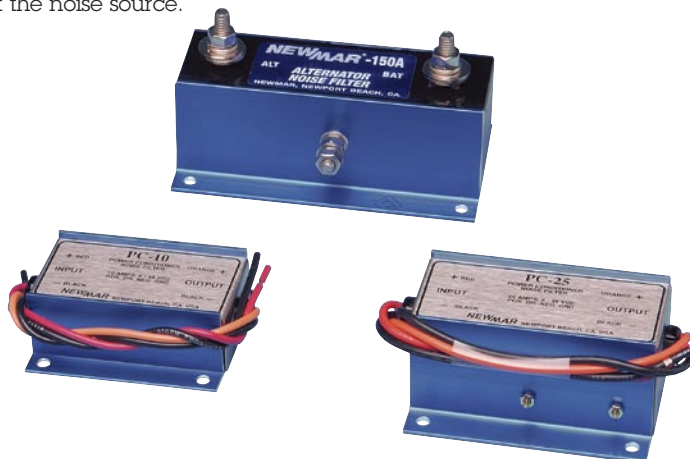
Model	Dimensions		Ground Area		Weight	
	Inches	Centimeters	Equivalent	Lbs	Kg	
8A	8 x 2 .5 x .5	20.3 x 6.3 x 1.3	20 sq. ft. 6.1 M ²	3	1.4	
12C	12 x 3 x .5	30.5 x 7.6 x 1.3	40 sq. ft. 12.2 M ²	4	1.8	
18E	18 x 6 x .5	45.7 x 15.2 x 1.3	100 sq. ft. 30.5 M ²	11	5	



Noise Filters

The interference or electronic "noise" generated by alternators, ignition systems, motors, etc., can render a vehicle or vessel's radio or other electronic equipment virtually useless. This interference takes the form of popping or static on radios or audio gear and garbled images or "hash" on video displays.

These specialized filters can be used singly or in combination to attenuate conducted line noise, either at the affected equipment or at the noise source.



Model	Rating	Installation Location	Size			Weight
			H	W	D	
150-A	150 Amp	In the alternator output lead	3.25" (8.2)	5.75" 14.6	3.25" 8.2cm	3 lbs. 1.4Kg.)
PC-10	10 Amp	In the + and - power leads close to affected equipment	1.25" (3.2)	4.25" 10.8	3" 8.2cm	1 lb. .5Kg.)
PC-25	25 Amp	Same as PC-10	2" (5.1)	4.25" 10.8	3.25" 8.2cm	2 lbs. .9 Kg.)

Filter Features:

- Heavy duty aluminum construction
- Operate on 6-48 VDC systems
- Integral mounting flanges for secure installation
- Brass stud connectors on alternator filters accommodate high current cables and terminals
- Color coded wire leads on all other models make in-line installation easy

Filtered Frequencies

- Model 150A: 70 kHz – 100 MHz
- Models PC-10 and PC-25: Audio – 200 MHz



DC Power Onboard