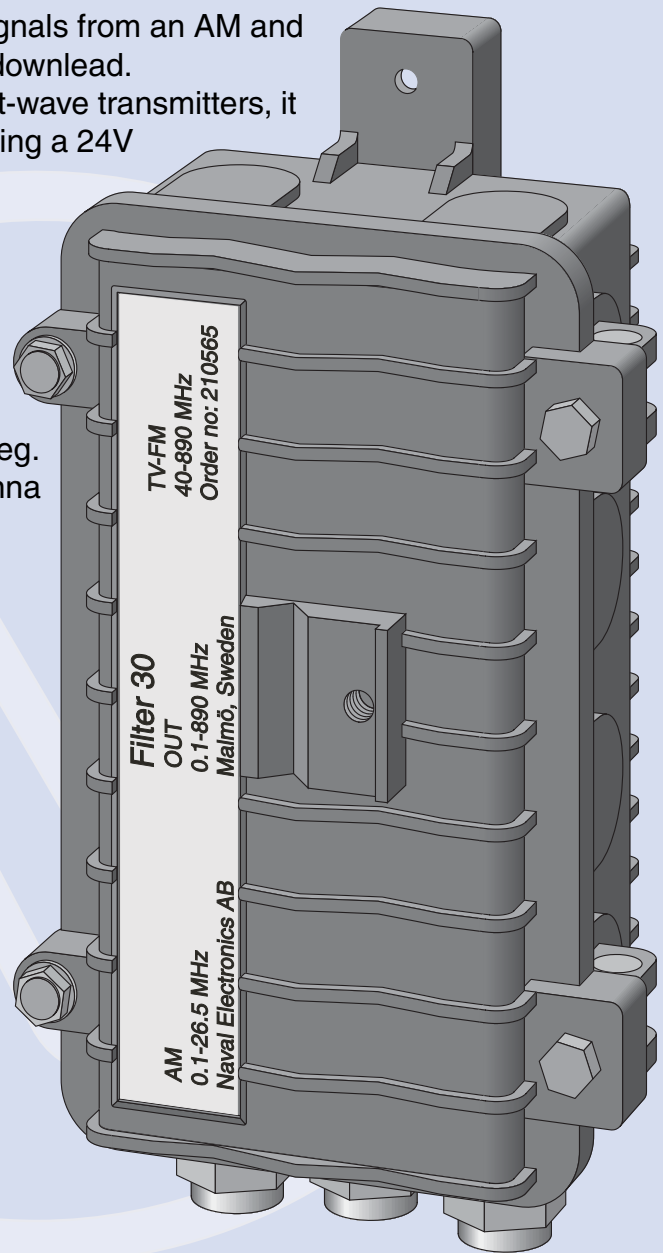


Filter Fi 30

Fi 30 is a duplex filter used to combine the signals from an AM and an FM-TV antenna, eliminating one coaxial download. To prevent interference when operating short-wave transmitters, it is possible to mute the AM-signals by activating a 24V relay. Unwanted AM-signals from the FM-TV antenna is attenuated by the filter.

The AM-input is protected against high voltages by a surge arrester. This is particularly beneficial to prevent damage to underlying equipment when using a passive antenna.

DC-voltage is fed to active AM-antennas, eg. VPA 30, via a jumper (R2), if a passive antenna is used, the jumper should be cut.



TECHNICAL SPECIFICATIONS

Frequency range:	Input AM	0.1-26.5 MHz
	Input TV-FM	40-890 MHz
	Output	0.1-890 MHz
Through loss:	AM	2 dB
	TV-FM	2 dB
Return loss:	AM	12 dB
	TV-FM	15 dB
Current feed through:	350 mA/30V DC	
Impedance:	75 Ohm	
Housing:	IP 56	
Temperature range:	-40 - +70°C	
Weight:	550 g	
Built-in lightning arrester in AM input.		



Size: (H) 182 mm x (W) 100 mm x (D) 70 mm

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Since 1971, the objective of Naval Electronics has been to offer the best possible products for TV and Radio reception at sea. Naval began with omnidirectional antennas and is the world leader in this field of technology today. Now, with an expanded product range, the name Naval means much more than antennas. Naval operates in more than 40 countries and has installations on thousands of vessels all over the world.

All specifications stated are subject to change without notice.

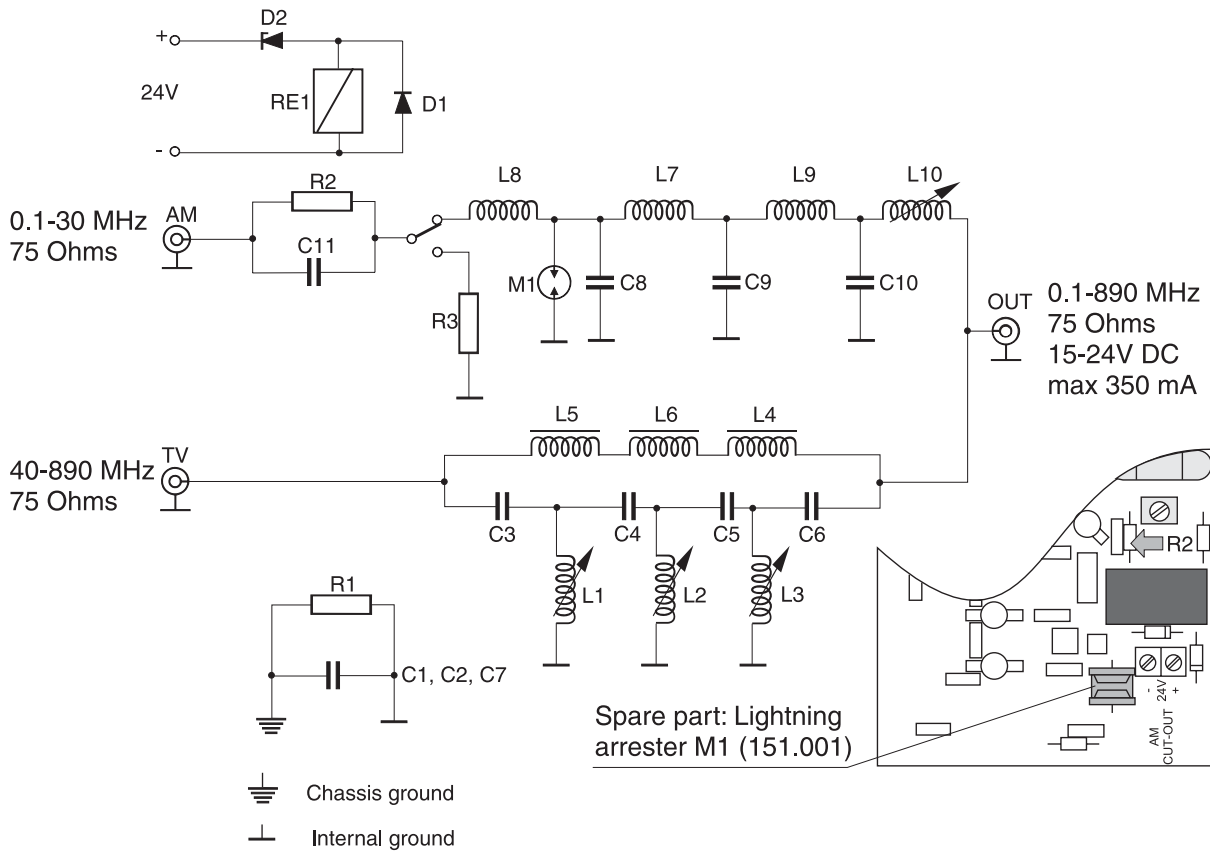
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Filter Fi 30



R2 must be cut when using a passive AM-antenna. The housing must be well connected to the ground for full operation of the lightning arrester. Note: IP 56 can not be guaranteed when using the cut out relay, indoor installation is recommended in this case.

