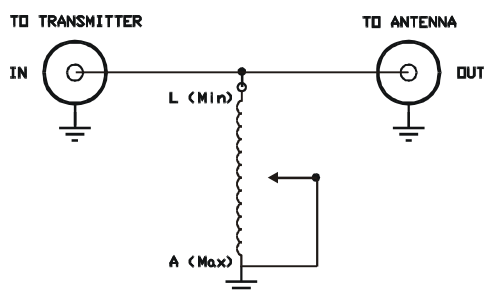


MFJ Mobile Antenna Inductive Matcher

Thank you for purchasing the MFJ-908 Mobile Antenna Matcher. The MFJ-908 will lower SWR by inductive-matching a mobile antenna to 50 ohms.

DESCRIPTION:



CONNECTIONS:

Connect the antenna to the plug labeled OUT and connect the transmitter to the plug labeled IN. The cable from your antenna to the MFJ-908 needs to be as short as possible. Keep it under two feet. Also, keep the MFJ-908 out of the weather, either in the truck or in the cab of you vehicle. There are mounting holes provided.

OPERATION:

CAUTION: DO NOT switch positions while keying the transmitter.

For each band, try switch position for minimum SWR. Select a position and key the transmitter while checking the SWR. Repeat this for each switch position. Remember not to change the switch setting while the transmitter is keyed. For easy reference later, make a chart with each band and what position gives minimum SWR.

After selecting the switch position with minimum SWR for that band, recheck resonant frequency of the antenna and adjust it, if necessary, as the antenna may be detuned to a slight degree.

CAPABILITIES: The MFJ-908 has 12 values of switchable inductance from 0.2 uH - 12 uH and can handle up to 200 Watts of power. See the table below for approximate values for each switch position.

SWITCH POSITION	INDUCTANCE (μH)
A	12
B	7
C	5
D	4
E	3
F	2
G	1.5
H	1.2
I	1.0
J	0.75
K	0.5
L	0.2