

Portable Telescopic MFJ-1899T Manual

2m to 80m.

Band Configuration:

To change bands on the MFJ-1899T Portable Antenna, utilize the "wander lead" by plugging it into the appropriate socket on the base coil. Fine-tuning can be achieved by adjusting the telescopic whip.

Socket No1 is the first socket from the bottom.

Band Specifications:

Band	Socket Position	Connected to	Telescopic Extension in inches	Telescopic Extension in CM's
80m	No2	Nothing	46.5"	118cm
40m	No1	No2	48.5"	123.5cm
30m	No1	No2	17"	43.5cm
20m	No1	No3	44"	111cm
17m	No1	No3	23"	58.5cm
15m	No1	No4	38.5"	97.5cm
12m	No1	No5	38"	96.5cm
10m	No1	No6	32"	82cm
6m	No1	No6	31.5"	80cm
2m	No1	No6	46.5"	118cm

Ground Plane Wire and Telescopic Section:

Lengths of the telescopic section are specified for the lowest frequency in the band, and the ground plane wire should be connected to the radio.

The lengths for the telescopic whip, indicated in the table, are measured from the base of the telescopic section where the metal section starts. The telescopic section can be slightly adjusted for the best VSWR.

The optimal length for the ground plane wire must be more than $\frac{1}{4}$ wave of the band you are shooting for.

Whip Configuration:

The whip can be unscrewed from the 12-inch base loading coil.

The antenna is ultra-compact, facilitating easy travel and portability.

It will handle up to 25 Watts of power.

Bonus Features:

With Jumper No1 connected to No6, the antenna transforms into a reasonable $\frac{5}{8}$ wave on 2m and Airband.

Telescopic length on 2m is approximately 46.5" or 118cm.

Telescopic length on Airband is approximately 50" or 127cm.

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