

Portable 80-6m Telescopic Base Loaded Whip

BNC / PL-259 / 3/8th Fitting



LENGTH OF TELESCOPIC.

Overview

This antenna covers all bands (including WARC bands) from 80-6m, 5w guaranteed, 25W max. When fully telescoped it is 1.54m long approximately. It is fitted with a 3/8in connector and it is also supplied with two adaptors 3/8in to PL-259 and 3/8in to BNC. This makes it ideal for the FT-817ND or any other portable low power HF radio. Band changing is achieved by plugging in the "wander lead" into the appropriate socket of the base coil and fine tuning adjustments are made using the 10 section telescopic whip for best VSWR. The whip unscrews from the base matching coil so that packed down, the antenna only measures 30cm.

Frequency Adjustment

The telescopic lengths listed below are for the lowest frequency in the band and with a ground plane wire connected to the radio. The best length for a ground plane wire is a 1/4 wavelength at the band of operation.

$$180 \div \text{frequency in MHz} = \text{length in feet}$$



Band	Jumper Connected To	Approximate Telescopic Length
80m	No Jumper Connected	124.5cm (49")
60m	No Jumper Connected	38cm (15")
40m	No1 Connected To No2	110.5cm (43½")
30m	No1 Connected To No2	38cm (15")
20m	No1 Connected To No3	90cm (35½")
17m	No1 Connected To No3	51.5cm (20¼")
15m	No1 Connected To No3	104cm (41")
12m	No1 Connected To No4	67cm (26½")
10m	No1 Connected To No5	81cm (32")
6m	No1 Connected To No6	75cm (29½")