

GP-9M

Ultra High Gain Dual Bander for 146 & 446MHz

Features :

1. Comet SLC-system, super-linear-converter, realized low-loss maxim, gain.
2. Wide-band and No Frequency adjustment is required.
3. Heavy duty fiberglass guarantees complete water/pollution-proof, preventing QSB.
4. Newly invented, ABS-joint system provides finest beam pattern and easy assembling works.
5. Lightning protection is equipped, which guards your transmitter.
6. Please enjoy dual-band-communication, using Comet duplexer, CF-416 and/ or CF-4160.

Specifications :

Frequency & Gain	: 146MHz / 8.5dB
	446MHz / 11.9dB
V.S.W.R.	: Less than 1: 1.5
Impedance	: 50 ohm
Max. Power	: 200W (SSB)
Weight	: 2.2 kg
Length	: 5.15 m
Connector	: M type

Assembling & Mounting :

- 1) Joint the Lower Element and Mid Element using Hex. Wrench, (See Fig. 2)
- 2) Insert Mid Ant. Pipe to Lower Ant. Pipe. Then, assemble Lower Lock Screw and Mid Joint Receptacle with rubber washer strongly. (See fig. 3)
- 3) Joint Upper Element and Mid Element with Hex. Wrench firmly.
- 4) Then, insert Upper Ant. Pipe to Mid Ant. Pipe and proceed ABS joint assembling. As done in (B).
- 5) Assemble 3 Radials. The Radial Lock Nut must be fasten firmly, using spanner etc. (See Fig. 4)
- 6) Then, mount 2 Mount Bracket to the Mount Support Pipe. Pass the coax. cable through the Pipe and connect to the Power feeding section. Please fasten Hex Bolts firmly. Then, assemble such Support Pipe to whole Antenna and fasten Lock Bolt.
- 7) Finally, mount the all assembled antenna to your pole. Because GP-9 is long 5.1m high antenna, please pay attention on the balance, and use strong pole as possible, 30-62mm dia. Please refer to fig. 6 for total mounting.

Note :

GP-9 is wide band having low V. SWR as shown about. Needs completely No Frequency Adjustment. However, Please pay extra attention on Water-Proof works at each joint parts, by adhesive glue, self-melting tape and/ or vinyl tape.

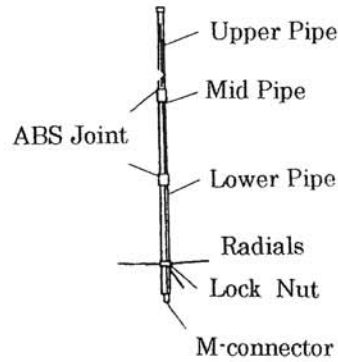


Fig. 2

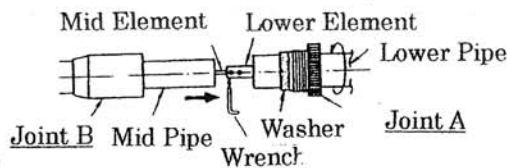


Fig. 3

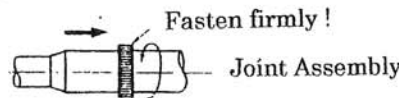


Fig. 4

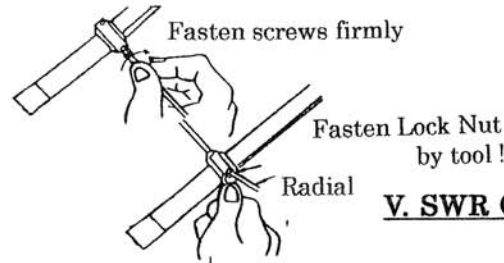


Fig. 5

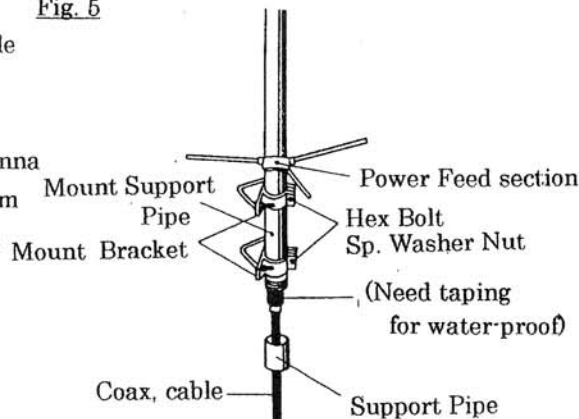
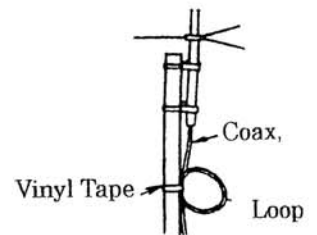
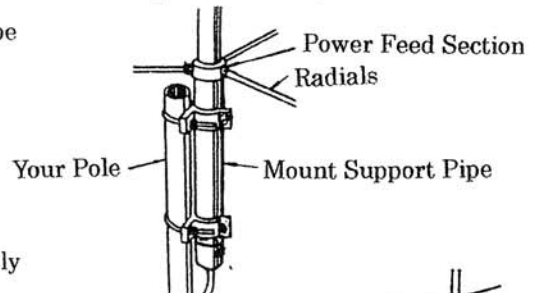
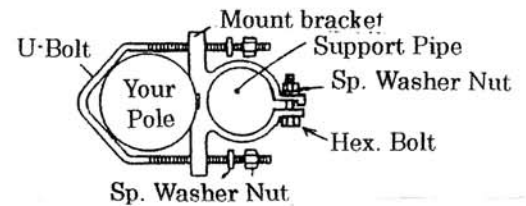


Fig. 6



V. SWR Characters :

