

GP-1

High Gain Dual Band Base Antenna for 144, 430MHz.

Features:

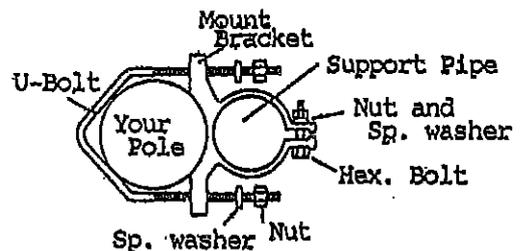
1. COMET SLC-system (Super linear converter) realized loss loss, high efficient antenna.
2. Wide band and No Frequency adjustment is required.
3. High quality fiberglass guarantees complete water/pollution proof, preventing QSB.
4. Heavy duty pipe realized high wind-proof of 60m/sec.
5. Additional use of COMET duplexer, CF-416 etc, allows duplex communication.

Specifications:

Frequency	: 144 & 430MHz.
Gain	: 144/3.0dB, 430/6.0dB
Impedance	: 50 ohm.
V. SWR	: Less than 1 : 1.5
Max Power	: 200W/FM
Length	: 1.25m
Available Mast	: 30 - 62mm ϕ
Connector	: M or N type
Weight	: 1.05 kg
Wind Proof	: 60m/sec.

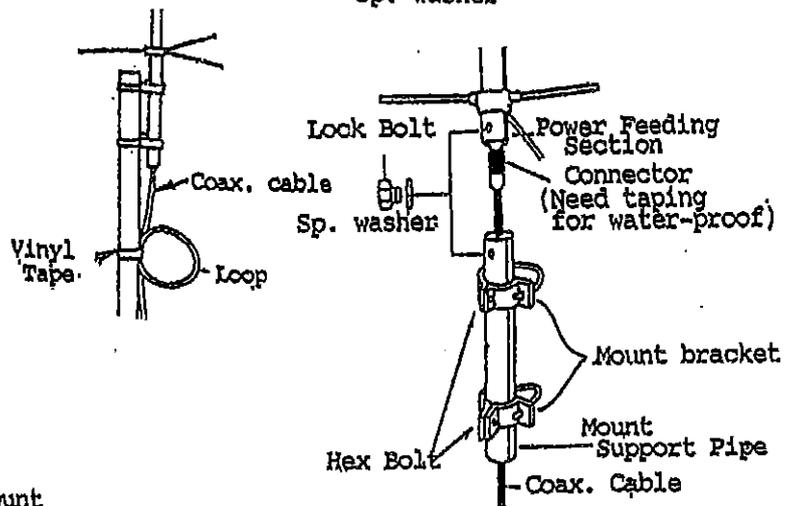
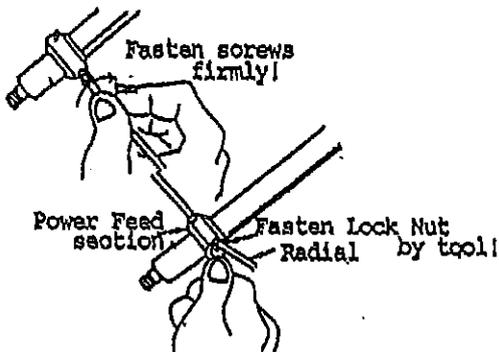
- (4) Finally, mount all assembled antenna to your mast. Please pay attention to the well-balancing of the antenna.

Please use strong mast as possible, of 30 - 60mm dia.



Assembling & Mounting:

- (1) First, assemble 3 radials.
- (2) Then, fasten Radial Lock Nuts firmly, using spanner etc.



- (3) Then, mount 2 Mount Brackets onto 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 strongly.

Note:

GP-1 is wide band, which needs No Frequency adjustment.

For long period use, please proceed water-proof works properly, with glue, self-melting tape, and/or vinyl tape.

V. SWR Characters:

