

Operation Manual CA-2x4WX

COMET ANTENNA

High Gain Dual Bander for 144 & 430MHz.

Features:

1. Comet SLC-system (super linear converter) realized low-loss and high 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. Additional use of COMET duplexer, CF-416 etc. allows duplex communication.

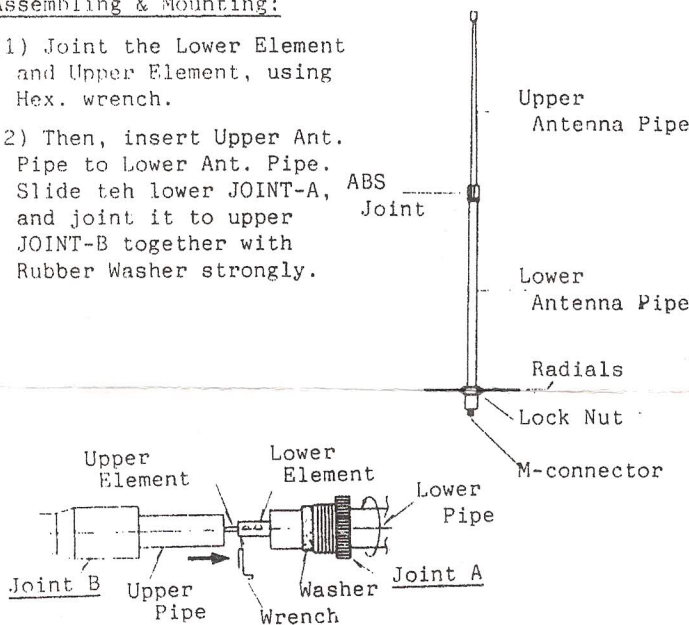
Specifications:

Frequency	: 144 & 430MHz.
Gain	: 144/6.5dB, 430/9.0dB
Impedance	: 50 ohm
V. S.W.R.	: Less than 1 : 1.5
Max Power	: 200W SSB
Weight	: 1.45 kgs.
Length	: 3.07 m
Available Mast	: 30 - 62mm dia.
Connector	: M (PL-259) type.

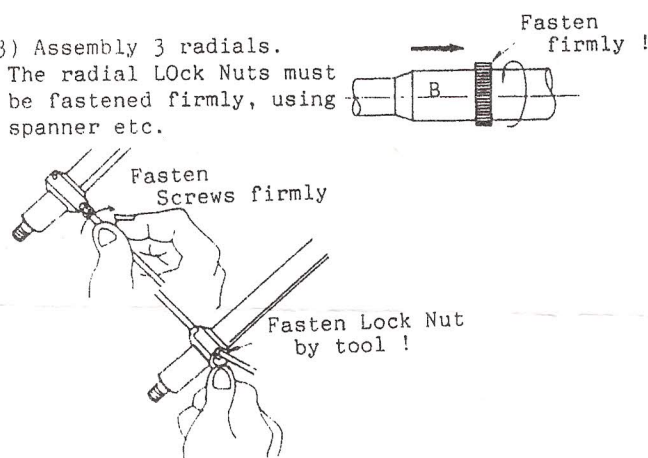
(5) Finally, mount the all assembled antenna to your pole. Because WX is long, 3.07m high antenna, please pay attention on the balance, and use strong pole as possible, 30-60mm dia.

Assembling & Mounting:

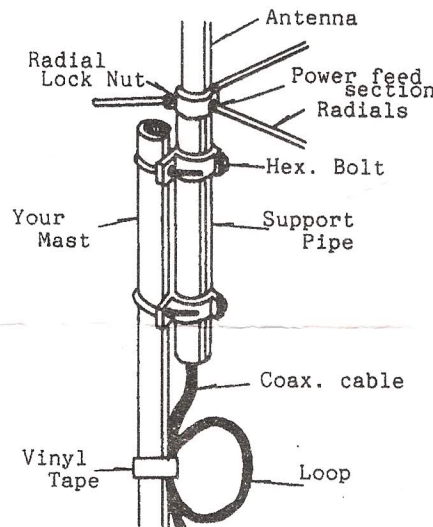
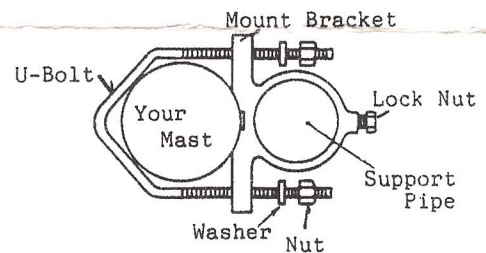
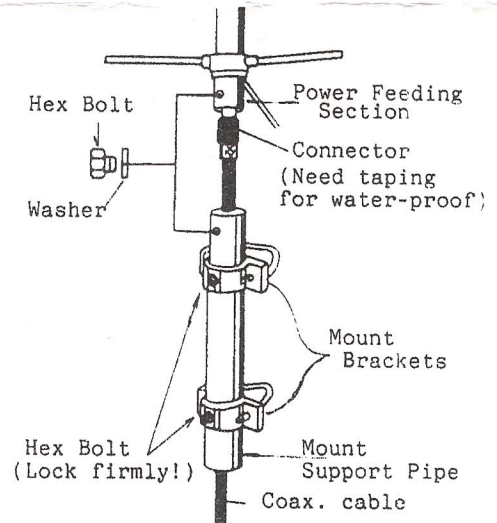
- (1) Joint the Lower Element and Upper Element, using Hex. wrench.
- (2) Then, insert Upper Ant. Pipe to Lower Ant. Pipe. Slide the lower JOINT-A, and joint it to upper JOINT-B together with Rubber Washer strongly.



- (3) Assembly 3 radials. The radial LOCK Nuts must be fastened firmly, using spanner etc.



- (4) Then, mount 2 Mount Brackets 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 strongly.



Note:
CA-2x4WX is wide band, which needs No frequency adjustment. However, please proceed water-proof works properly, with glue, self-melting tape, and/or vinyl tape.

V. SWR Characters:

