

# MODEL CA-2x4CX

High Gain Dual band  
Ground Plane Antenna  
w/ No Ground radial

## Instruction Manual

Thank you for purchasing our products.

**For your safety :**

Read this manual carefully for proper handling and operation before using.  
Keep this manual in a safe place for future reference.

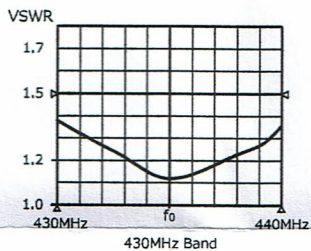
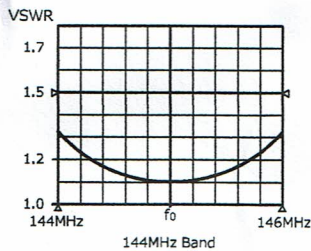
**[Features]**

- Low-Loss and High Gain, based on SLC, Super-Linear-Converter.
- CA-2x4CX is Wide-Band, and requires no Frequency adjustment.
- No ground radial antenna.
- Heavy-duty fiberglass guarantees perfect water/pollution-proof and prevents QSB.
- Enjoy Dual-Band Communication with COMET Duplexer, CF-416 and/or CF-4160.

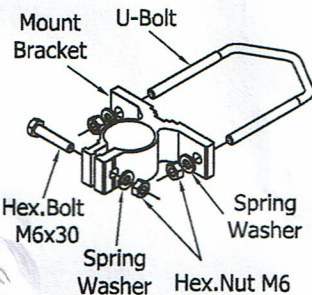
**[Specifications]**

Frequency : 144 & 430 MHz  
Gain : 146MHz / 3.5 dBi, 446MHz / 6.0 dBi  
Impedance : 50 Ω  
VSWR : 1.5 or less  
Length : 1.35 m  
Max Input Power : 100W (FM)  
Weight : approx. 0.8kg  
Mounting Mast Diameter : φ30-62 mm  
Connector : M-Jack (SO-239)

VSWR Reference data (144/430MHz)



**◆ Mount Bracket & U-Bolt**



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**[Parts List]**

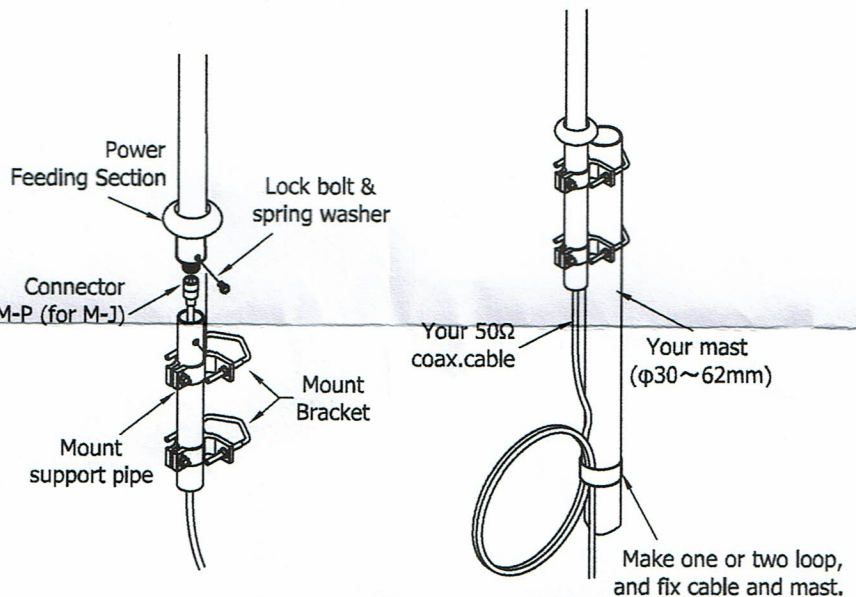
- |                                 |     |
|---------------------------------|-----|
| 1. Element                      | - 1 |
| 2. Power feeding section        | - 1 |
| 3. Mount bracket                | - 2 |
| 4. Mount support pipe           | - 1 |
| 5. Lock bolt w/ sp.washer M6x10 | - 1 |
| 6. Hex.bolt w/ sp.washer M6x30  | - 2 |
| 7. U-Bolt w/sp.washer & Hex.nut | - 2 |

**[How To Assemble]**

1. Put two mount brackets on the mount support pipe. Pass the coax cable through the pipe, and attach it to power feeding section. Be sure to fasten hex bolts firmly. Then, attach support pipe onto the antenna.

2. Mount all assembled antennas on your mast.  
This antenna is so long. Keep your eyes on balance of this antenna and use as strong mast as you can, between 30 to 62mm dia.

\*Make sure to use low loss coax cable.



Note : For long-term use, water-proofing with glue, self-fusing tape, and/or vinyl tape is highly recommended.

**⚠ Precautions for using**

- This antenna is only for ham radio. Do not use this for other purposes.
- Operation outside the specification might damage the antenna.
- Adjust the antenna correctly. Elevated SWR could damage the antenna.
- Never attempt to modify or fix the antenna by yourself.
- Do not touch the antenna while transmitting.

◆ Specifications or appearance is subject to change without notice.