C*MET ANTENNA

MODEL CA-52HB4

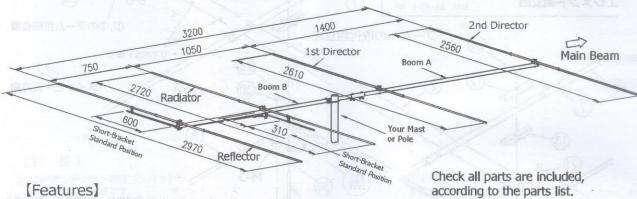
4element HB9CV type Beam Antenna for 50 – 53.5 MHz

Instruction Manual

Thank you for purchasing our product.

For your safety:

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



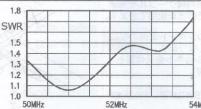
- 1. Compact and lightweight design for mobile use
- 2.HB9CV 2 Element Beam Antenna with high gain
- 3. Heavy-duty with stainless steel screws

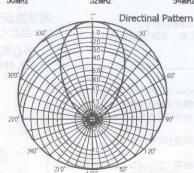
Precautions for assembling

- Wearing a safety hat and a life line during installing on a roof top or any high places is highly recommended.
- Do not erect this antenna near any electrical power lines and/or street lights.

[Specifications]

- ●Frequency: 50 52MHz
- Gain: 6.3 dBi
- ●F/B: 24dB or more ●Half-power width: approx 68°
- ●Input Power: 200W(FM)
- •Imput Power: 200VV(
 •Impedance: 50Ω
- •V.SWR : 1.8 or less at 50 52MHz
- Connector: SO-239 (M-J) type
- Turning Radius : approx 1,54m
- Mounting Mast Diameter φ 25 65mm
- Max Wind Survival: 30m/sec
- ●Wind Load: approx 0.054m
- Boom Length: approx 0.79m
- Length: approx 2.97m
- Weight : approx 910g (antenna body)



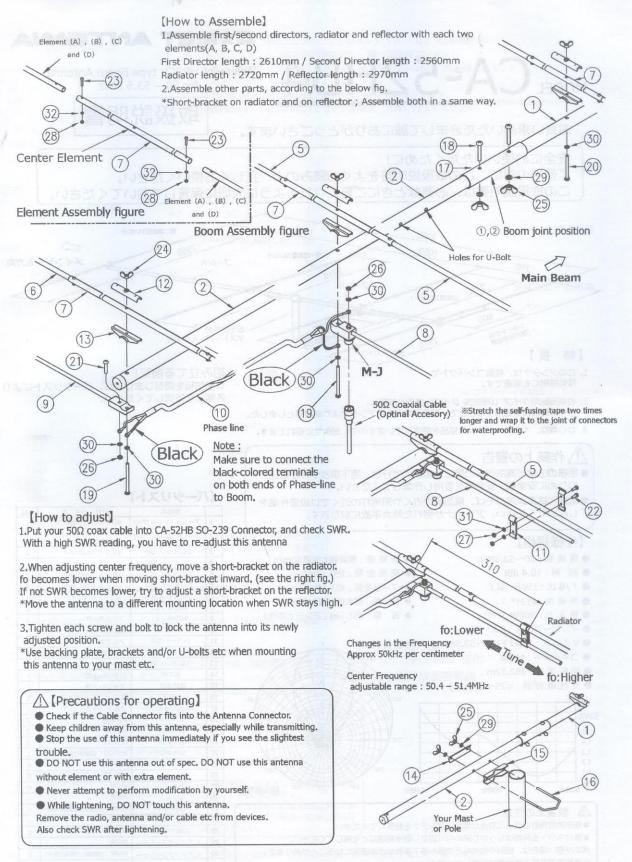


⚠ Precautions for Installation

- Choose a safe place to erect this antenna, complying with the laws and regulations in your country.
- Be sure to tighten and waterproof all screws, nuts and bolts.
- Do not erect this antenna near any overhead wires, steel towers, buildings or any other obstacles.

[Parts List]

	Parts Name		Qty
1	Boom A	φ25 × 1625 mm	1
2	Boom B	φ25 × 1625 mm (with a hole for U-Bolt)	1
3	Element(A)	φ9.5 × 1010 mm	2
4	Element(B)	φ9.5 × 1035 mm	2
5	Element(C)	φ9.5 × 1090 mm	2
6	Element(D)	φ9.5 × 1215 mm	2
7	Center Element	φ11 × 600 mm	4
8	Regulating Rod (1)	with SO-239 Connector	1
9	Regulating Rod (2)	No Connector	1
10	Phase Line	with terminal	1
11	Short-bracket	aluminum	4
12	Element-holder A	aluminum	4
13	Element-holder B	aluminum	4
14	Backing plate	stainless	1
15	Fixing bracket	stainless	1
16	U-Bo l t	M6	1
17	Boom Joint	aluminum pipe	1
18	Screw	M6×40	2
19	Screw	M5×70	2
20	Screw	M5×55	2
21	Screw	M5×25 preinstalled with Regulating Rod(2)	1
22	Screw	M4×12	4
23	Screw	M3×15	8
24	Wing nut	for M5	4
25	Wing nut	for M6	4
26	Hex nut	for M5 (4 preinstalled with Regulating Rod)	4
27	Hex nut	for M4	4
28	Hex nut	for M3	8
29	Spring washer	for M6	4
30	Spring washer	for M5 (two preinstalled with Regulating Rod)	6
31	Spring washer	for M4	4
32	Spring washer	for M3	8
33	Self-fusing tape	T-W-ACGA-ACCA	1



COMET CO.,LTD.

4-18-2, Tsuji, Minami-ku, Saitama City, Saitama-Pref 336-0026 JAPAN TEL: +81-48-839-3131 FAX: +81-48-839-3136

URL http://www.comet-ant.co.jp

3rd Version