# MODEL CA-52HB

# C\*MET ANTENNA

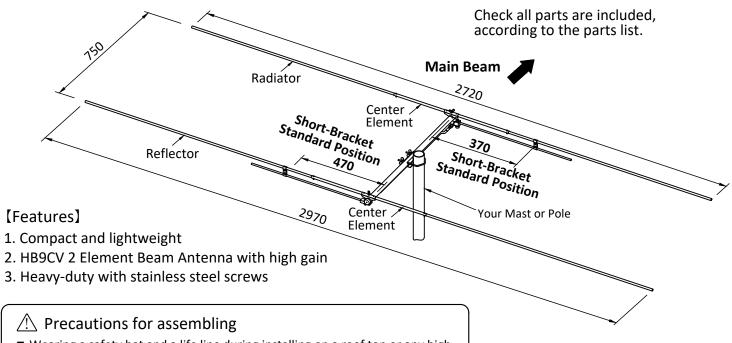
HB9CV type Beam antenna for  $50\sim52MHz$ 

Thank you for purchasing our product.

Instruction Manual

## For your safety:

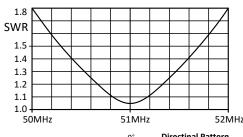
Read this manual carefully for proper handling and operation before using. Keep this manual in a safe place for future reference.

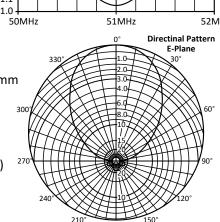


- Wearing a safety hat and a life line during installing on a roof top or any high places is highly recommended.
- Do not erect this antenna near any electrical power lines and/or street lights.

### (Specifications)

- Frequency: 50 52MHz
- Gain: 6.3 dBi
- F/B ratio : 24dB or more
- Half-power angle : approx 68°
- Input Power: 200W(FM)
- Impedance :  $50\Omega$
- V.SWR: 1.8 or less at 50 52MHz
- Connector: SO-239 (M-J) type
- Turning Radius: approx 1.54m Mounting Mast Diameter: φ25 – 62mm
- Max Wind Survival : 30m/sec
- Wind Load: approx 0.054m<sup>2</sup>
- Boom Length: approx 0.79m
- Length: approx 2.97m
- Weight: approx 910g (antenna body)



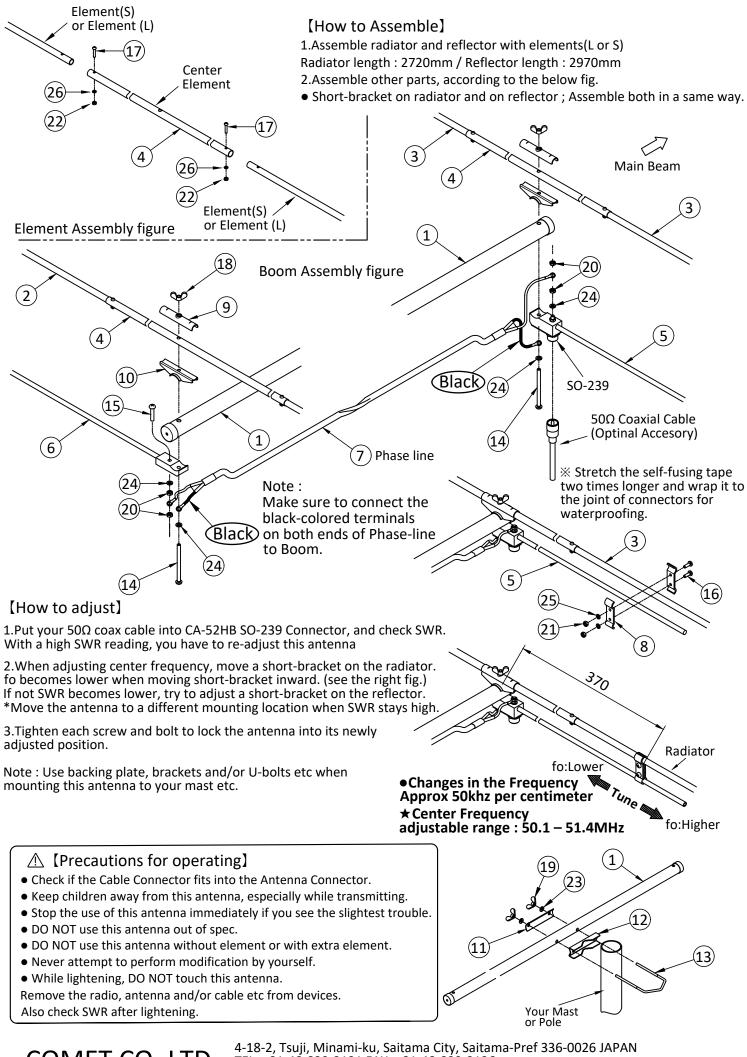


#### Precautions for Installation

- 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 with cap	φ 25 × 790 mm	1
2	Element(L)	φ 9.5 × 1215 mm	2
3	Element(S)	φ 9.5 × 1090 mm	2
4	Center Element	ф 11 × 600 mm	2
5	Regulating Rod(1)	with SO-239(M-J) Connector	1
6	Regulating Rod(2)	Rod without Connector	1
7	Phase Line	with terminal	1
8	Short-bracket	aluminum plate	4
9	Element-holder (A)	aluminum	2
10	Element-holder (B)	aluminum	2
11	Backing plate	stainless plate	1
12	Fixing bracket	stainless plate	1
13	U-Bolt	M 6	1
14		M 5× 70	2
15	Pan-head Screw	M 5× 25 Preinstalled with Regulating Rod(2)	1
16		M 4× 10	4
17		M 3× 16	4
18	Wing Nut	for M 5	2
19	VVIIIg Nut	for M 6	2
20		for M 5 four preinstalled with Regulating Rod	4
21	Hex. Nut	for M 4	4
22		for M 3	4
23	- Spring washer	for M 6	2
24		for M 5 two preinstalled with Regulating Rod	4
25		for M 4	4
26		for M 3	4
27	Self-fusing tape	20cm	1
	appearance and/or sp	ecification is subject to char	ige.



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