C*MET ANTENNA

MODEL CA-52HB4

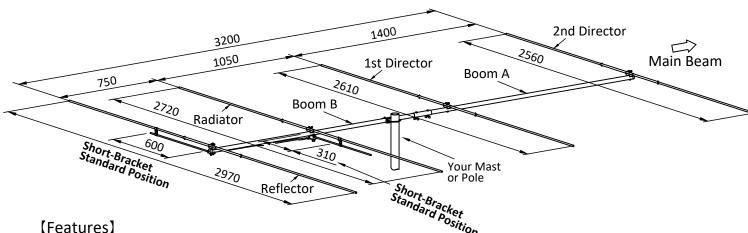
HB9CV type 4element Beam antenna for $50\sim53.5$ MHz

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.



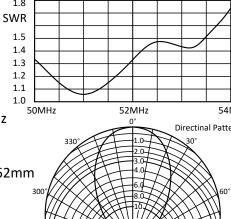
- 1. Compact and lightweight design for DX transmitting use
- 2. HB9CV extented 2 Element Beam Antenna with high gain
- 3. Heavy-duty with stainless steel screws

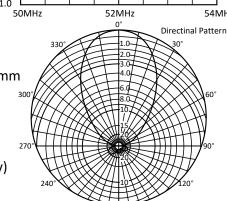
/!\ Precautions for assembling

- 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

(Specifications)

- Frequency: 50 53.5MHz
- Gain: 10.4 dBi • F/B : 19dB or more
- Half-power angle : approx 54°
- Input Power: 200W(FM)
- Impedance : 50Ω
- V.SWR: 1.5 or less at 50 53.5MHz
- Connector : SO-239 (M-J) type
- Turning Radius: approx 2.22m
- Mounting Mast Diameter : φ25 62mm Max Wind Survival: 30m/sec
- Wind Load : approx 0.054m²
- Boom Length: approx 3.25m
- Length: approx 2.97m
- Weight: approx 2.1kg (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.

Check all parts are included, according to the parts list.

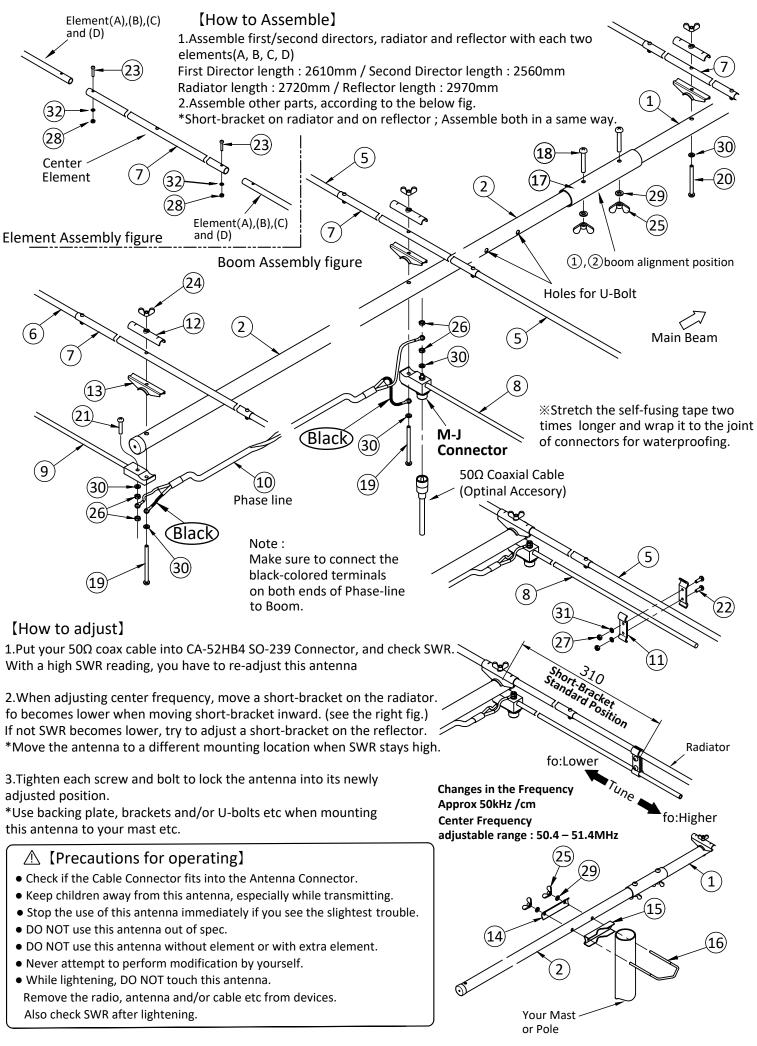
φ25 × 1625 mm

Qty.

[Parts List] Parts Name

1 Boom A

2	Boom B	φ25 × 1625 mm (with a hole for U-Bolt)	1
3	Element(A)	ф9.5 × 1010 mm	2
4	Element(B)	ф9.5 × 1035 mm	2
5	Element(C)	ф9.5 × 1090 mm	2
6	Element(D)	ф9.5 × 1215 mm	2
7	Center Element	ф11 × 600 mm	4
8	Regulating Rod (1)	with SO-239 Connector	1
9	Regulating Rod (2)	Rod without 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-Bolt	M6	1
17	Boom Joint	Zinc Plating	1
18	Pan-head Screw	M6×40	2
19		M5×70	2
20		M5×55	2
21		M5×25 preinstalled with Regulating Rod(2)	1
22		M4×12	4
23		M3×16	8
24	Wing Nut	for M5	4
25		for M6	4
26	Hex. Nut	for M5 4 preinstalled with Regulating Rod	4
27		for M4	4
28		for M3	8
29	Spring washer	for M6	4
30		for M5 2 preinstalled with Regulating Rod	6
31		for M4	4
32		for M3	8
33	Self-fusing tape		1
	*appearance and/or spec	ification are subject to change.	



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