



COMET[®]

ANTENNA

Driven to Perform, In STYLE!



1.8-500MHz対応 Standing Wave Analyzer

CAA-500 Mark II

- Frequency Range: 1.8-500 MHz
- Measured SWR Range: Analog 1.0-6.0 LCD 1.0-9.9
- Impedance Range: 12.5-300 Ohms
- Resistance Range: 10-500 Ohms
- Reactance Range: 0-500 Ohms
- RF Connectors: VHF: SO239 type UHF: N type
- Power Source: 6 x AA (Alkaline) or Ni-MH Cells
- Dimension: 89x196x70 (mm)
- Weight: Approx. 800g

137~174MHz/430MHz Non-radial

SUPER BEAM®

- Weight: Approx. 325g
- Frequency: 137~174MHz z : 1/2 λ ,
430MHz z : 5/8 λ 2-step
- Gain: 137~174MHz z : 3.6 dBi,
430MHz z : 6.1 dBi
- Max Power: 150W
- D-STAR Compatible



CSB7500



Length: 1.06m

137~174/430MHz Non-radial

- Weight: Approx. 345g
- Frequency: 137~174MHz z : 5/8 λ 2-step,
430MHz z : 5/8 λ 2-step
- Gain: 137~174MHz z : 4.4 dBi,
430MHz z : 6.9 dBi
- Max Power: 150W
- D-STAR Compatible



CSB7700



Length: 1.27m

137~174/430MHz Non-radial

- Weight: Approx. 465g
- Frequency: 137~174MHz z : 7/8 λ ,
430MHz z : 5/8 λ 3-step
- Gain: 137~174MHz z : 5.1 dBi,
430MHz z : 7.7 dBi
- Max Power: 150W
- D-STAR Compatible



CSB7900



Length: 1.58m

137~174/430MHz Non-radial

137~174/430MHz Dual Band

- Weight: 80g
- Frequency: 137~174MHz: 1/4 λ
430MHz: 1/2 λ
- Max Power: 60W (FM)
- Wide Reception: 100~174, 350~470MHz
- Repeater Capable
- D-STAR Compatible



SB0



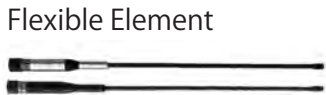
SBB0



Length: 0.31m

137~174MHz: 2.15dBi / 430MHz: 2.15dBi Non-radial

- Weight: 100g
- Frequency: 137~174MHz: 1/4 λ
430MHz: 1/2 λ
- Max Power: 60W (FM)
- Wide Reception: 100~174, 350~470MHz
- Repeater Capable
- D-STAR Compatible



Flexible Element

SB1



SBB1



Length: 0.41m

137~174MHz: 1.5dBi / 430MHz: 2.15dBi Non-radial

- Weight: 105g
- Frequency: 137~174MHz: 1/4 λ
430MHz: 5/8 λ C Phase
- Max Power: 60W (FM)
- Wide Reception: 100~174, 350~470MHz
- Repeater Capable
- D-STAR Compatible



SB2



SBB2



Length: 0.46m

137~174MHz: 2.15dBi / 430MHz: 3.8dBi Non-radial

- Weight: 220g
- Frequency: 137~174MHz: 5/8 λ C Phase
- Max Power: 200W (FM)
- Wide Reception: 100~174MHz
- Repeater Capable
- D-STAR Compatible



SB25



SBB25



Length: 1.45m

137~174MHz: 4.1dBi Non-radial

- Weight: 140g
- Frequency: 137~174MHz: 1/2 λ
430MHz: 5/8 λ 2-step
- Max Power: 60W (FM)
- Wide Reception: 100~174, 350~470MHz
- Foldable ●Repeater Capable
- D-STAR Compatible



SB3



SBB3



Length: 0.66m

137~174MHz: 2.15dBi Non-radial / 430MHz: 5.0dBi Non-radial

- Weight: 135g
- Frequency: 137~174MHz: 1/2 λ
430MHz: 5/8 λ 2-step
- Max Power: 60W (FM)
- Wide Reception: 100~174, 350~470MHz
- Foldable ●Repeater Capable
- D-STAR Compatible



SB4



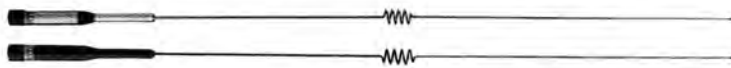
SBB4



Length: 0.92m

137~174MHz: 3.0dBi Non-radial / 430MHz: 5.5dBi Non-radial

- Weight: 170g
- Frequency: 137~174MHz: 1/2 λ
430MHz: 5/8 λ 2-step
- Max Power: 120W (FM)
- Wide Reception: 100~174, 350~470MHz
- Foldable ●Repeater Capable
- D-STAR Compatible



SB5



SBB5



Length: 0.95m

137~174MHz: 3.0dBi Non-radial / 430MHz: 5.5dBi Non-radial

- Weight: 230g
- Frequency: 137~174MHz: 6/8 λ C Phase
430MHz: 5/8 λ 3-step
- Max Power: 70W (FM)
- Wide Reception: 100~174, 350~470MHz
- Foldable ●Repeater Capable
- D-STAR Compatible



SB7



SBB7



Length: 1.38m

137~174MHz: 4.5dBi Non-radial / 430MHz: 7.2dBi Non-radial

50/137~174/430MHz Triple Band

- Weight: 300g
- Frequency: 50MHz: $1/4 \lambda$ short
137~174MHz: $1/2 \lambda$ C Phase
430MHz: $5/8 \lambda$ C Phase
- Max Power: 120W (FM)
- Foldable ●Repeater Capable
- D-STAR Compatible



SB14



Length: 1.08m

50MHz: 2.15dBi / 137~174MHz: 3.5dBi Non-radial
430MHz: 6.0dBi Non-radial

- Weight: 410g
- Frequency: 50MHz: $1/4 \lambda$
137~174MHz: $6/8 \lambda$ C Phase
430MHz: $5/8 \lambda$ 3-step
- Max Power: 120W (FM)
- Foldable ●Repeater Capable
- D-STAR Compatible



SB15



Length: 1.53m

50MHz: 2.15dBi / 137~174MHz: 4.5dBi
430MHz: 7.2dBi

430MHz Mono Band

- Weight: 100g
- Frequency: 430MHz: $1/2 \lambda$
- Max Power: 60W (FM)
- Wide Reception: 350~470MHz
- Repeater Capable
- D-STAR Compatible



SB41



Length: 0.4m

430MHz: 2.15dBi Non-radial

137~174MHz Mono Band

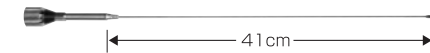
CA-144

- Max Power: 140W (SSB)
- Length: 46cm
- Connector: M-P

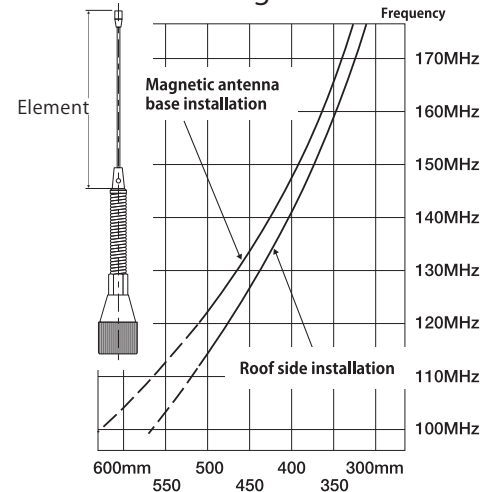


CA-150S

- Length: 51cm
- Connector: M-P



Cutting Chart



Element length (Standard element length is 440m) ※Size will vary depending on the position and method of installation



Suitable for hunting/outdoor activities

CA-212H



Length: 1.0m

137~174MHz: 2.15dBi
Non-radial

50/137~174MHz Dual Band

- Weight: 270g
- Frequency: 50MHz: $1/4 \lambda$ 137~174MHz: $5/8 \lambda$
- Max Power: 300W
- Wide Reception 100~174MHz
- Foldable
- D-STAR Compatible



CA-285



Length: 1.32m

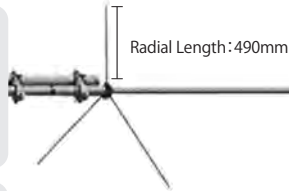
50MHz: 0dBi / 137~174MHz: 3.5dBi

SLC System

The SLC System is an advanced mechanism developed originally by Comet in order to greatly improve the gain on Dual and Triple Banders. Through the implementation of the Air-Core Type Shaping Element Phase System and the Phosphor Bronze Element, the loss during the existing Phase Shift Peak has been substantially reduced.

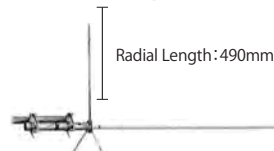
137~174/430MHz Dual Band

- Weight: 2.2kg
- Frequency 137~174MHz z : 5/8 λ 3-step C Phase 430MHz: 5/8 λ 8-step
- Max Power: 200W SSB
- Wide Reception 100~170, 350~470MHz
- Repeater Capable
- Survival Wind Speed: 30m/sec
- D-STAR Compatible



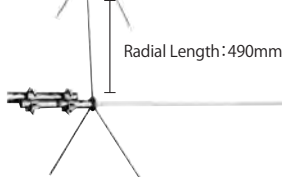
GP-9M GP-9N
Length: 5.15m
137~174MHz: 8.5dBi / 430MHz: 11.9dBi

- Weight: 1.6kg
- Frequency 137~174MHz z : 5/8 λ 2-step C Phase 430MHz: 5/8 λ 5-step
- Max Power: 200W SSB
- Wide Reception 100~170, 350~470MHz
- Repeater Capable
- Survival Wind Speed: 40m/sec
- D-STAR Compatible



GP-6 GP-6N
Length: 3.07m
137~174MHz: 6.5dBi / 430MHz: 9.0dBi

- Weight: 1.27kg
- Frequency 137~174MHz z : 5/8 λ 2-step 430MHz: 5/8 λ 4-step
- Max Power: 200W SSB
- Wide Reception 100~170, 350~470MHz
- Repeater Capable
- Survival Wind Speed: 50m/sec
- D-STAR Compatible



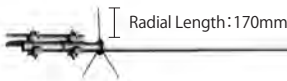
GP-5 GP-5N
Length: 2.42m
137~174MHz: 6.0dBi / 430MHz: 8.6dBi

- Weight: 1.16kg
- Frequency 137~174MHz z : 6/8 λ 2-step C Phase 430MHz: 5/8 λ 3-step
- Max Power: 200W SSB
- Wide Reception 100~170, 350~470MHz
- Repeater Capable
- Survival Wind Speed: 60m/sec
- D-STAR Compatible



GP-3 GP-3N
Length: 1.78m
137~174MHz: 4.5dBi / 430MHz: 7.2dBi

- Weight: 0.89kg
- Frequency 137~174MHz z : 1/2 λ 430MHz: 5/8 λ 3-step
- Max Power: 200W SSB
- Wide Reception 100~170, 350~470MHz
- Repeater Capable
- Survival Wind Speed: 60m/sec
- D-STAR Compatible



GP-1 GP-1N
Length: 1.25m
137~174MHz: 3.0dBi / 430MHz: 6.0dBi

- Weight: 0.78kg
- Frequency 137~174MHz z : 1/2 λ 430MHz: 5/8 λ 2-step C Phase
- Max Power: 100W FM
- Wide Reception 100~170, 350~470MHz
- Repeater Capable
- Survival Wind Speed: 60m/sec
- D-STAR Compatible



CA-2x4CX
Length: 1.29m
137~174MHz: 3.5dBi Non-radial / 430MHz: 6.0dBi Non-radial

MONO BAND GP

1200MHz Mono Band



- Weight: 1.2kg ●Frequency: 1200MHz: 21-step Air-core Type Collinear
- Max Power: 100W FM ●Repeater Capable
- Survival Wind Speed: 50m/sec ●D-STAR Compatible

GP-21
Length: 2.42m High-gain 1200MHz: 14.9dBi

2400MHz Mono Band



- Weight: 1.16kg ●Frequency: 2400MHz: 22-step Air-core Type Collinear
- Max Power: 100W FM ●Repeater Capable ●Survival Wind Speed: 60m/sec

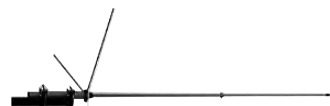
GP-24
Length: 1.78m High-gain 2400MHz: 15.4dBi



- Weight: 750g ●Frequency: 2400MHz: 13-step Air-core Type Collinear
- Max Power: 100W FM ●Repeater Capable ●Survival Wind Speed: 60m/sec

GP-2413
Length: 1.14m High-gain 2400MHz: 10.0dBi

COMMERCIAL MONOBAND



- Weight: 890g ●Wave: 5/8 λ ●Max Power: 100W FM ●Survival Wind Speed: 60m/sec
- Gain: 3.4dBi

C-150BX-L Frequency: 118~145MHz
C-150BX-M Frequency: 134~160MHz
C-150BX-H Frequency: 148~175MHz
Length: 1.70m (L), 1.52m (M), 1.28m (H)



- Weight: 1.3kg ●Wave: 5/8 λ x 2 ●Max Power: 150W FM
- Survival Wind Speed: 40m/sec ●Choice between M or N Type Connector

CA-F22GFL Frequency: 120~150MHz
CA-F22GF Frequency: 134~175MHz
Length: 2.70m Gain: 6.0dBi



- Weight: 1.3kg ●Wave: ●Frequency: 440~450MHz: 1/2 λ 12-step Transposed Collinear
- Max Power: 200W SSB ●Survival Wind Speed: 40m/sec

CA-712EF
Length: 3.20m Gain: 9.8dBi

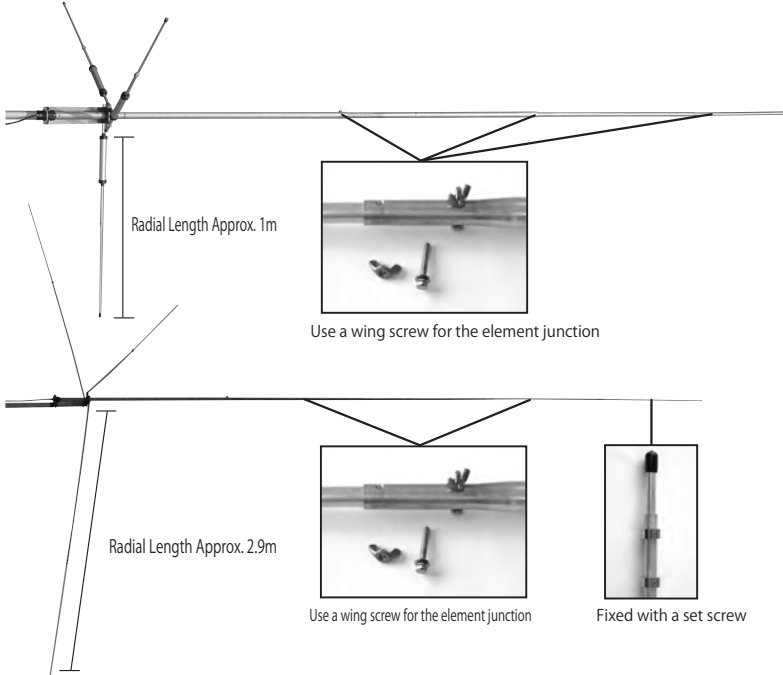
COMMERCIAL MONOBAND



- Weight: 1kg ●Wave: 8/5 λ 2-step
- Max Power: 150W FM ●Survival Wind Speed: 50m/sec

HF Mono Band

●The HF GP Series for the serious enthusiast. Excellent performance with a Max Power of 1kw.



CA-72GF

Frequency: 440~480MHz



CA-72GFL

Frequency: 400~460MHz



Length: 1.25m

Gain: 5.5dBi

CHA2100



Length: 8.4m

21MHz

- Weight: 3.7kg ●Frequency: 21MHz: 3.2dBi 5/8 λ ●Max Power: 1kW (SSB)
- V.SWR: Below 1.5 ●Impedance: 50Ω ●Radial Length: Approx. 1m
- Installation Support: 30~72 φ ●Survival Wind Speed: 30m/sec

CHA2800



CHA2900



Length CHA2800: 6.72m

28/29MHz

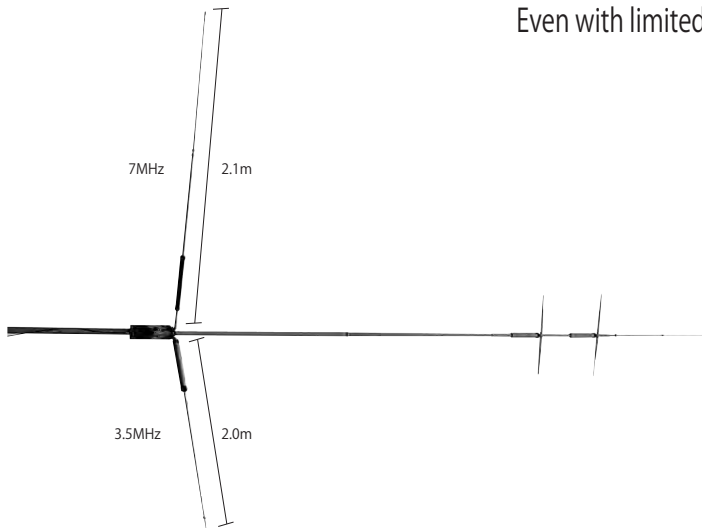
CHA2900: 6.40m

28/29MHz

- Weight: 3.5kg ●Frequency: 28/29MHz: 3.2dBi 5/8 λ
- Max Power: 1kW (SSB) ●V.SWR: Below 1.5 ●Impedance: 50Ω
- Radial Length: Approx. 2.9m ●Installation Support: 30~72 φ
- Survival Wind Speed: 30m/sec ●Repeater Capable (CHA2900)

3.5/7MHz Dual Band GP

Even with limited space, the use of the 3.5/7MHz is easily possible.



CHA-7350H

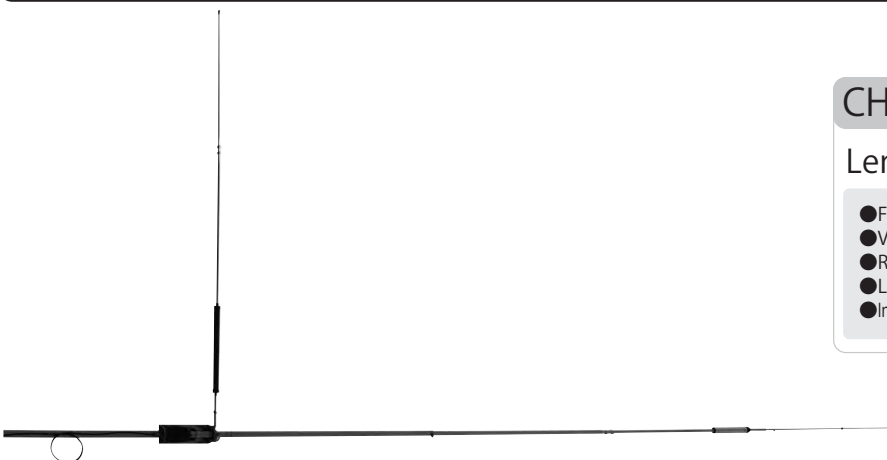


Length: Approx. 6m

Max Power: 1kW (SSB)

- Frequency: 3.5/7MHz ●V.SWR: Below 1.5
- Impedance: 50Ω
- Radial Length: Approx. 2.1m (7MHz), Approx. 2m (3.5MHz) / 2 piece radial
- Length: Approx. 6m ●Weight: Approx. 5.4kg
- Installation Support: 30~72 φ

7MHz (200kHz Compatible) Mono Band GP



CHA7000W



Length: Approx. 5.6m

- Frequency: 7~7.2MHz ●Max Power: 300W (SSB)
- V.SWR: Below 2.0 ●Impedance: 50Ω
- Radial Length: 2.05m (1 piece radial)
- Length: Approx. 5.6m ●Weight: Approx. 3.9kg
- Installation Support: 30~72 φ

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※The contents of this catalog are as on June 2021. Part of the specifications and prices may change for the purposes of improvement without notice.

※The contents of the diagrams of directional and SWR characteristics within the catalog may change depending on the conditions or location in which it is installed.

※Please contact our Head Office Engineering Department for Special Order Products.