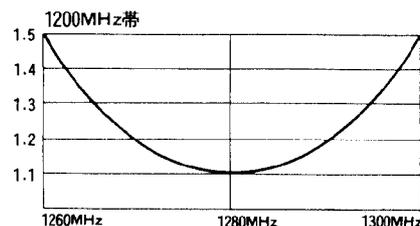
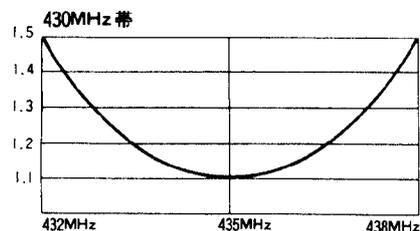
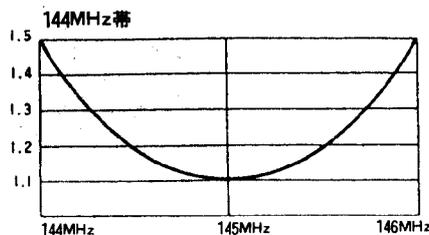


●VSWR表



●規格

周波数/144/430/1200MHz

利得/4.5dB(144MHz), 8.3dB(430MHz), 11.7dB(1200MHz)

インピーダンス/50Ω

VSWR/1.5以下

耐入力/100W(144MHz/430MHz/1200MHz), 合計電力100W

耐風速/60m/sec.

適合マスト径/30~62φ

全長/1.8m(ラジアル長:約19cm)

重量/0.9kg

接栓/N形

形式/6/8λ C-Load(144MHz), 5/8λ 3段C-Load(430MHz),

5/8λ 7段C-Load(1200MHz)

■お買いあげいただきました製品は、厳重な品質管理のもとに生産されておりますが、万一運搬中の事故などによる破損がありましたら、取扱店にお申し付けください。

■本アンテナの仕様および外観は、改良のため予告なく変更することがありますのでご了承ください。

2m/70cm/23cm Tri-band High Performance Gain Vertical Antenna

X5000

DC ground structure FRP Outer Shell Liner Phase Shift Technology

OPERATION INSTRUCTIONS

Assembly

1. Attach three radial elements as shown in the figure. 1.
2. Attach mast brackets on support pipe and fix them.
3. Then connect coaxial cable with a N connector to feedpoint section through support pipe. Fix support pipe and feedpoint section of the antenna with lock screw by aligning the holes at the bottom of feedpoint section and upper part of the pipe.
4. Attach the antenna on mast by whole balance into account as shown in figure. 2.

Note; Do not place the mast above the radial element.

Adjustment

The X5000 antenna is completely adjustment free. If vswr of the antenna is extraordinary high, confirm each contacting section. Most likely, it is due to coaxial cable and connector contact, or connector soldering problem. And be sure to use 50Ω coaxial cable to feed the antenna.

Note

1. N type connector is being used in the feedpoint connection of the antenna. Since N connector is relatively complicated compare with conventional UHF type connector, utmost care has to be taken to handle connector cable connection.
2. In installing the antenna, turn coaxial cable once at right below the antenna to escape load from the cable. This is to avoid disconnecting center conductor of N connector and especially important when thick diameter coaxial cable is being used to feed the antenna.
3. Though the antenna is DC ground structure, circuit across the inner conductor and outer conductor is open-circuit when measured by a volt-ohm meter. If it is close-circuit, confirm coaxial cable connections well.

Part name(number)

- | | |
|-------|-------------------------|
| 40201 | Radiator element |
| 40202 | Radial element lock nut |
| 40203 | Radial element |
| 40204 | Lock nut |
| 40205 | Mast bracket |
| 40206 | Support pipe |
| 40207 | V-bolt with nut |

Specifications

- | | |
|------------------------|--|
| Frequency | :144/430/1200MHz |
| Gain | :4.5dB(2m), 8.3dB(70cm), 11.7dB(23cm) |
| Max. power rating | :100w(2m/70cm/23cm), sum of all bands 100w |
| Impedance | :50ohms |
| VSWR | :Less than 1.5:1 |
| Rated wind velocity | :60m/sec. (135MPH) |
| Mast diameter accepted | :30-62φ (1.18" to 2.44") |
| Length | :1.8m(70.9"). radial length approx. 19cm(7.5") |
| Weight | :0.9kg (1.98lbs.) |
| Connector | :N |
| Type | :6/8-wave length C-Load antenna(2m), Three 5/8-wave length phased element C-Load antenna(70cm), Seven 5/8-wave length phased element C-Load antenna(23cm). |