Operation Manual
MODEL CYA-1216E
16-element Yagi Antenna for 1200MHz

* CYA-1216E is compact, light-weight, but high gain directional antenna, and is convenient for carry use.
* Designed for wide band use, from 1240 - 1300MHz.
* High quality aluminum, and all stainless steel hardwares assure long durability.
* Because the Reflector is located at the back-end of the boom-pipe, there arise no influences from pole nor other metallic objects.

Complete Assembly:

Specifications:
- Frequency: 1240 - 1300MHz
- Impedance: 50 ohm
- Gain: 16.6 dBi
- Half Power Angle: H/31° E/29°
- Power: 100 watt
- VSWR: Less than 1:1.5
- F/B ratio: Over 20dB
- Connector: N-J type
- Boom Length: 1.36m
- Pole dia.: 25 - 65  φ mm
- Weight: 0.64 kg
- Wind Velocity: 45m/sec

VSWR Characters:

Beam Pattern:
- Horizontal Polarization, H-plane
- Vertical Polarization, H-plane

Assembling Works & Remarks:
* CYA-1216E is ready assembled.
* When mounting, please remark that the drain hole faces downwards.
* Regarding the assembling of the mount bracket, please refer to below figure.
* For long period use, please use the enclosed self-melting tape & vinyl tape for complete water-proof.
* Because CYA-1216E is for high frequency, high quality, low loss coax. cable is recommended.