The D130J/D130NJ Super Discone Antenna is the first ultra-wideband antenna in the market which can cover amateur radio, air traffic control and other various utility frequency bands and, in addition, even some amateur radio frequency bands within the covering frequency range can be transmitted with this antenna alone. The D130J/D130NJ is designed to be able to assemble very easily and can be built in a couple of hours by beginners. Rust free stainless steel is employed in major component parts to have the antenna rust resistant and durable. And its very compact and lightweight design enables it to be installed at any convenient place.

**Description**

1. Ultra-wideband design to be able to cover 25-1300MHz.
2. Very compact and lightweight design enables the antenna to be installed on balcony railing at an apartment or condominium.
3. 6m, 2m 70cm and 23cm amateur frequency bands and 33cm band (900MHz) can be transmitted.
4. Since all radial rods are designed to have the same length, the D130J/D130NJ is perfectly omnidirectional as original discone antenna and can receive radio propagation from any direction evenly.
5. The D130J/D130NJ can be made further compact and lightweight by removing the top element assembly, if it doesn’t require to receive lower end frequency range.

**Specifications**

Frequency range: 25-1300MHz for receiving only (Amateur frequency bands and personal radio frequency band for transmitting)

- **Length**: 1.7m (68.8")
- **Weight**: 1kg (2.2lbs.)
- **Max. Diameter**: 0.84m (33")
- **Mast diameter accepted**: 25-50mm (0.98" to 2.05")
- **Max. Power rating**: 20W FM (6m), 50W PEP (6m) 200W FM (except for 2m)
- **Type**: Wideband Omnidirectional discone antenna

**Assembling the D130J/D130NJ Super Discone Antenna**

- Number below each part name is a part number
- Coaxial cable is not included.

- Cap (small) 01015
- Top element 01001
- Loading coil 01002
- Spring washer 01011
- Hexagonal wrench 01008
- Nut M4 01016
- Apex assembly 01003
- Disc element rod 01004 280mm (11.0")
  These disk element rods have to be assembled after radial rods have been assembled.
- Screw M3 01013
- Lock washers 01012
- Support pipe 01020
- Bracket assembly 01018
- V-bolts
- Applicable mast diameter 25 to 52mm (0.98 to 2.05")

Filled part of each radial element rod has to be set upward.

Each cap has to be attached to the empty side of the rod.

Coaxial cable is not included.