



# DA1500 DISCONE ANTENNA FOR WIDEBAND RECEPTION

DA1500 is a wideband antenna covering 70 to 1500MHz. As it is supplied with a 15m coaxial cable (RG-58A/U), you can install and use the antenna right away. Please confirm each part according to the list on the right.

### ● Assembly instructions:

1. Insert the two L size disc elements horizontally into the antenna body, facing each other at 180 degrees. Then insert the four S size disc elements. Set the washer, spring washer on top and screw in the top element with a spanner.  
\*Make sure that the six elements do not wobble.
2. Screw in the two L size cone elements with spring washer and nut, sideways into the antenna body, in the same direction than the L size disc elements. Then screw in the four S sized cone elements. Fasten the six cone elements with a spanner.
3. Attach the support pipe to a (non-supplied) suitable mast, with the mast brackets and V-bolts.
4. Pass the coaxial cable (MP connector side) from the bottom through the support pipe and connect it to the antenna.
5. Attach the antenna to the support pipe with the antenna mounting screw, after aligning the antenna and support pipe holes.
6. Double check the overall balance between the mast, mounting brackets, support pipe and the antenna. Finally check that all screws are firmly tightened.

**WARNING!** Use a safety helmet and a safety belt while installing the antenna. Be sure to choose a location where the antenna cannot injure someone in case it falls. Secure the antenna against strong wind and vibrations. Check regularly that the antenna is still firmly attached. DA1500 is not intended for transmit purposes. Use it for reception only!

### ● Specifications:

Frequency range: 70-1500MHz  
 Impedance: 50Ω  
 Connector: M-J  
 Weight: Approx. 600g  
 Rated wind velocity: 50m/sec.  
 Compatible mast diameter: 25-50mm  
 Supplied Accessories:  
 -Coaxial cable RG-58A/U, 15m, MP-BNCP connect.  
 -BNCJ-NP adapter

All stated specifications are subject to change without notice or obligation.

All our products are manufactured under strict quality control. If damage has been caused by transport, immediately ask your dealer for advice.

### ● Parts list:

| Description  | Qty |
|--|-----|
| Antenna body   | 1   |
| Top element set  | 1   |
| Set screw(M4 × 3)  | 2   |
| Hexagonal wrench for M4                                  | 1   |
| Spring washer(M5)  | 1   |
| Disc element S(100mm)                                    | 4   |
| Disc element L(180mm)                                    | 2   |
| Cone element S(260mm)                                    | 4   |
| Cone element L(511mm)                                    | 2   |
| Antenna mounting screw M4x4 (with M4 tooth washer)       | 1   |
| Support pipe   | 1   |
| Mast bracket(with screw,nut)                             | 2   |
| V-bolt(with spring washer,nut)                           | 2   |
| Nut(M4)  | 6   |
| Spring washer(M4)  | 6   |
| Coaxial cable (RG-58A/U,15m,with MP and BNCP connectors) | 1   |
| BNCJ to NP adapter                                       | 1   |
| Washer(φ 27mm)   | 1   |

