



DA3200 Discone Antenna for Wideband Reception

DA3200 is an ultra-wideband aerial covering 25-3000MHz. A 15m coaxial cable (5D-2V) is supplied and allows immediate installation and use of the antenna. Please confirm each part is present according to the list on the right.

Assembly instructions

1. Attach support pipe to a suitable mast with mast brackets and V-bolts.
2. Pass the coaxial cable (NP connector side) through the support pipe and connect its NP connector to the antenna's NJ connector.
3. Attach the antenna to the support pipe with the antenna fixing set screw by aligning the holes of the antenna and support pipe.
4. Attach the nuts to the thread parts and start the corn elements in the holes of the antenna. Fix them with the set screws as shown in the figure on the right. Three different lengths of disc elements and corn elements are employed. First, attach the four shortest elements at intervals of 90 degrees. Then, attach the middle length elements at intervals of 180 degrees. Finally, attach the two longest elements at intervals of 180 degrees.
5. Confirm the location of set screws/nuts and the penetration depth. Fix them, taking the aerial balance in account.

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 should it fall. Secure the antenna against strong winds and vibration. Check regularly that the antenna is still firmly fixed.

DA3200 is not intended for transmit purposes. Use it for reception only!

Specifications

Frequency range: 25-3000MHz

Impedance: 50Ω

Connector: N-J

Weight: approx. 1kg

Rated wind velocity: 50m/sec.

Mast diameter accepted: 25-50mm

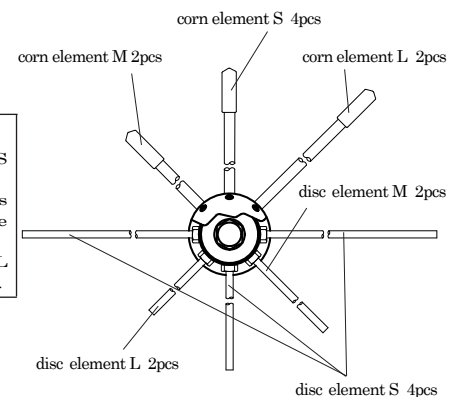
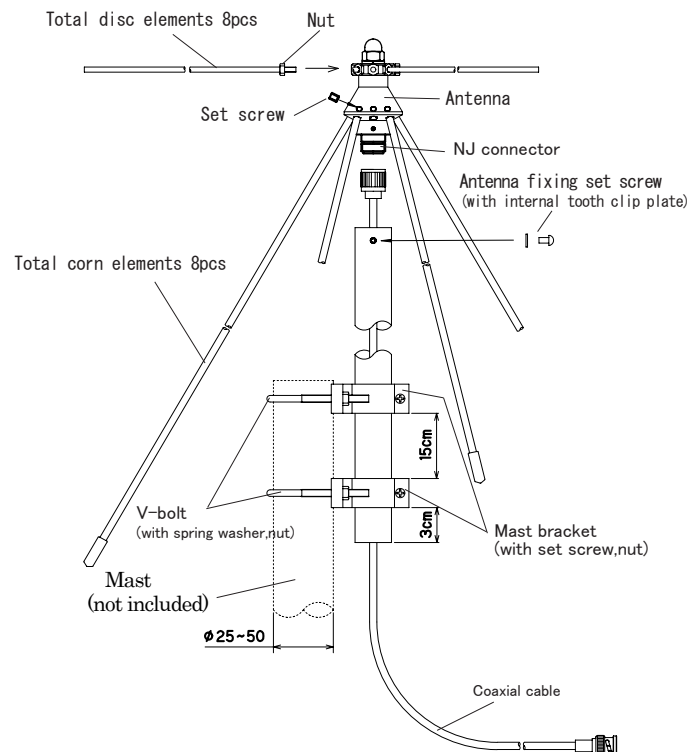
Supplied accessory: Coaxial cable (5D-2V) 15m with NP-BNCP connectors

Attachment location of elements

1. Attach corn elements S and disc elements S at intervals of 90 degrees.
2. Attach corn elements M and disc elements M at intervals of 180 degrees (opposite angle).
3. Attach corn elements L and disc elements L at intervals of 180 degrees (opposite angle).

Parts list

Parts name	Qty
Antenna	1
Disc element S (280mm)	4
Disc element M (350mm)	2
Disc element L (420mm)	2
Corn element S (820mm with cap)	4
Corn element M (1025mm with cap)	2
Corn element L (1230mm with cap)	2
Antenna fixing set screw (with internal tooth clip plate)	3
Support pipe	1
Mast bracket (with set screw, nut)	2
V-bolt (with spring washer, nut)	2
Hexagonal wrench (M4)	1
Nut (M4)	8
Set screw (M4)	8
Coaxial cable (5D-2V 15m with NP-BNCP)	1



This product is manufactured under strict quality control. Nevertheless please contact your dealer promptly in the unfortunate case that it was damaged during transportation.

Specifications are subject to change without notice or obligation.

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