



“Scan-King” Royal Discone

VHF/UHF Base Aerial For Scanners 25-2000MHz

Specifications

- Frequency Rx: 25 - 2000MHz
- Frequency Tx: 6m / 2m / 70cm / 23cm
- Impedance: 50 Ohm
- Connector: "N" Type
- Power: 200 Watts
- Gain: 2.15dBi
- VSWR: <1.5:1
- Length: 153.5cm
- Weight: 1.6kg
- Radials: 16
- Mast Size: up to 50mm



ASSEMBLY

Unpack the components and check them with the quantities on the illustration. Fit the stainless steel whip into the top of the hub and coil assembly and tighten the grub screw with the hexagon key. Screw each long and short stainless rod into the hub and coil assembly as shown. Slide the brackets onto the mounting tube and space approximately 150mm apart at one end and secure using the 5mm screws. Fit the "U" bolts to the brackets by using the supplied nuts.

Remove the short mounting tube from the hub and coil assembly by unscrewing the 4mm screw. Secure the mounting tube to your mast using the clamps and "U" bolts and tighten the two 5mm screws. Pass your coax fitted with an "N" type plug, up through the mounting tube and fasten to the base of the aerial. Lower the aerial onto the mounting tube and re-secure with the 4mm screw.

DO NOT ATTEMPT TO FIT ANY OTHER TYPE OF PLUG AS THIS WILL CAUSE PERMANENT DAMAGE.

HINTS & TIPS

To obtain the best performance, mount your aerial as high and as clear of buildings as possible. It is important to use the best quality 50 Ohm low loss coax available such as RG-213 or better.