

MOONRAKER SCANKING HF DISCONE ANTENNA

Assembly & Installation Guide

Assembly

1. Fit the eight long radials to the lower cone section.
2. Fit the eight short radials to the upper radial ring.
3. Install the fibreglass centre radiator into the centre hub.
4. Tighten all fixings securely.
5. Mount the antenna to a suitable mast.
6. Connect the feedline to the SO239 connector.
7. Check all connections before raising the antenna.

Installation

- Mount the antenna as high as practical.
- Keep clear of nearby buildings and metal structures.
- Weatherproof all outdoor coaxial connections.
- Inspect fixings and radials periodically.

Safety

- Keep clear of overhead power lines.
- Do not install during storms or high winds.
- Use suitable safety equipment when working at height.
- Ensure the mast and mounting hardware are securely fastened.

Specifications

Specification	Value
Frequency Range	0.05–2000 MHz
Gain	Up to 1.5 dBi
Length	185 cm
Long Radials	8 × 90 cm
Short Radials	8 × 30 cm
Connector	SO239
Mast Diameter	Up to 50 mm