

Fan Dipole Antenna

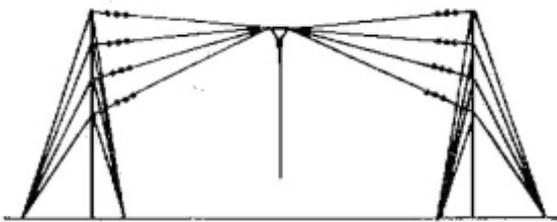
Our Multi-Frequency (HF) Antennas provide cost-effective, compact, and versatile HF band coverage, ideal for short to medium range applications. Offering omni-directional or bi-directional coverage on up to four spot frequencies, they meet a wide range of communication needs.

The series includes two options: the SMC/MCFD/N for two-mast installations and the SMC/CFD/N for a more economical single-mast solution. Both feature the CCJ/1 coaxial cable junction unit for secure cable support and efficient signal transmission.

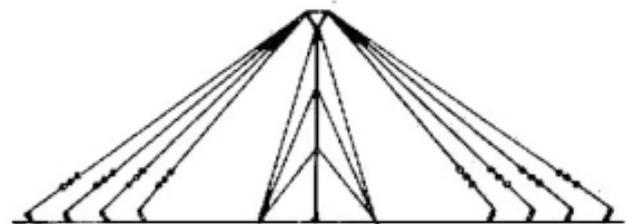
Built for fixed or temporary setups, these antennas use high-quality components, including multi-strand hard-drawn copper magnesium elements with line taps and end insulators for reliable performance. Versions are available to match spot frequency requirements, with on-site adjustments to optimise VSWR as needed.

Complete installations include halyard straps, D shackles, insulators, balun centre junction units, and termination options such as UHF type N or customised connectors, along with tailored coaxial cables. Supporting accessories include a range of masts, from the economical PA2 alloy mast, ICAO-compliant lighting kits, and mast erection equipment to suit various setups.

Type MCFD/N



Type CFD/N



Specification	Fan Dipole Antenna
Antenna Materials	7/0.91mm (7/036") or 7/1.118mm (7/044") hard drawn copper strand
Azimuth Radiation	Depends on frequency and height of antenna
Frequency Range (MHz)	2 - 30 MHz (2, 3 or 4 spot frequencies as a long wire antenna)
Input Impedance	50 - 75 ohm depending on the design height
Insulators	Carbon loaded ultra violet resistant polypropylene
Metalwork	Stainless steel or plated brass
Polarisation	Horizontal
Power Rating	Up to 1kW
VSWR	Normally better than 2 : 1

