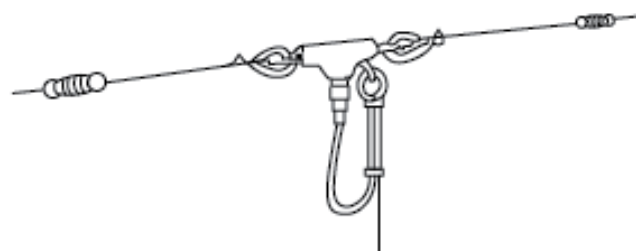


Centre Fed Dipole Antenna

Experience exceptional performance and effortless communication with our Centre Fed Dipole Antenna. Whether you need a specific frequency or prefer customisation, we provide two options: pre-assembled antennas or the flexibility to cut them to your desired length. Equipped with line taps and frequency charts, making on-site adjustments is quick and easy.

Built with high-quality, purpose-designed components, our antennas are engineered to withstand even the harshest conditions, ensuring dependable performance when it matters most. Perfect for short to medium range communication, they consistently deliver outstanding results.

When positioned at a quarter wavelength above ground, our Centre Fed Dipole Antennas primarily radiate upwards, offering partial omnidirectional coverage via skywaves. Raising them to a half-wavelength height alters the radiation pattern to a figure-eight shape, allowing for adaptable coverage to meet various needs.



Mechanical specs	Information
Antenna Elements	7/0.44" (7/1.118mm) or 7/0.36" (7/0.914mm) hard drawn copper magnesium strand.
Insulators	Carbon loaded polypropylene.
Spreaders	Antenna spreaders used on FDA/1 are fibreglass. Feed line spreaders are porcelain or fibreglass as appropriate.
Baluns	SMC can supply a wide range of matching balun transformers for all combinations of input impedances and powers.

Technical specs	Information
Bandwidth	+/- 2% of centre frequency
VSWR	Better than 1.5 : 1
Power	Up to 2kW
Impedance	50 Ohms
Polarisation	Horizontal

