

HF Delta Loop Antenna D230/330

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The HF Delta Loop Antenna is a high performance, omni-directional, broadband antenna that is suited to base-to-base or base-to-mobile communication over short to medium distances.

Performance

The HF Delta Antenna offers high performance over short to medium distances, and exhibits essentially an omnidirectional pattern.

The Delta has been designed to provide continuous coverage throughout its entire frequency range (3–30MHz) making it an ideal choice for a base station antenna.

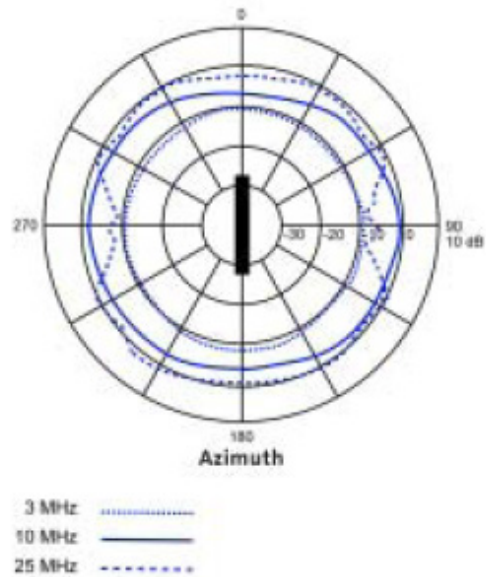
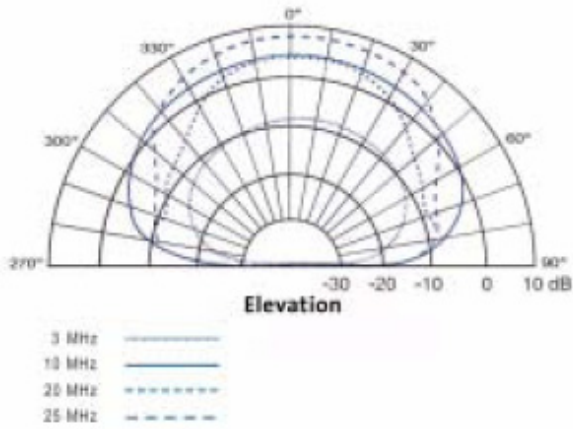
Easy to install

The Delta Antenna can be supplied with or without a support mast and comes complete ready to install on site. It requires a relatively large cleared area for installation at either ground level or on a flat roof of a building; a ground plane is not required. The coaxial cable may be purchased separately.

Radiation patterns



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Technical specifications

Frequency	3–30 MHz
Impedance	50 Ω (nominal)
VSWR	Less than 2:1
Power rating	200WPEP (100WAvG)
Radiator elements	Marine grade stainless steel
Packed weight	Antenna only - 30 kg Antenna including mast - 222 kg
Carton dimensions	Antenna only (1 carton) - 910 x 285 x 205 mm Antenna including mast (3 cartons) - 960 x 630 x 270 mm, 1110 x 1110 x 390mm and 4500 x 1570 x 140mm
Mast height	15 m
Antenna width	46 m
Guy radius	10 m
Overall height	16m (includes gibbet)
Footprint	50 x 18 m
Wind rating	Up to 180 kph (112 mph) in clear air, subject to mast, footing and anchoring

HF Antenna - Delta Loop