

HF Delta Loop Antenna D230/330

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

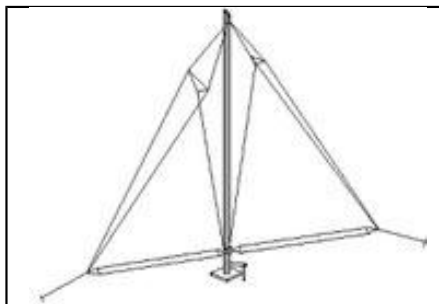
The HF Delta Antenna offers high performance over short to medium distances, and exhibits essentially an omnidirectional pattern.

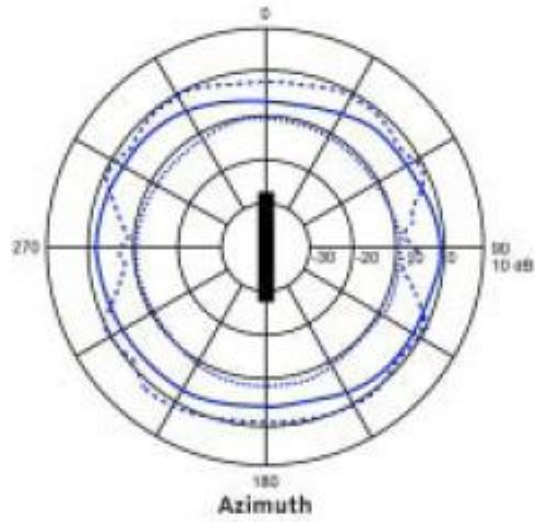
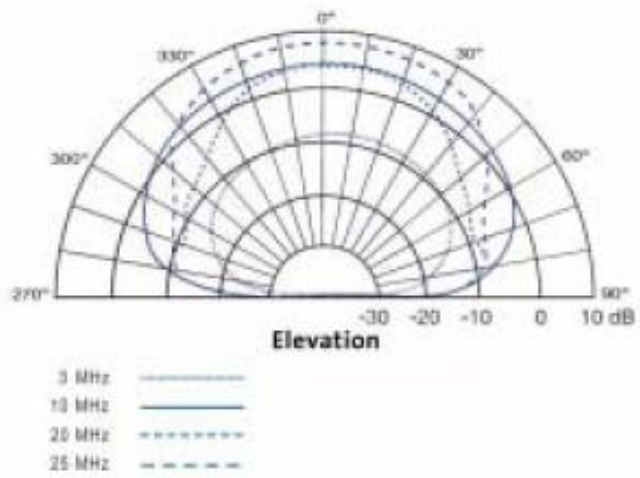
The Delta has been designed to provide continuous coverage throughout its entire frequency range (3–30MHz) making it an ideal choice for a base station antenna.

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





Technical specifications

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|-------------------|---|
| 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

http://hf-ssb-transceiver.at-communication.com/en/codan/hf_ssb_antennas_d230.html