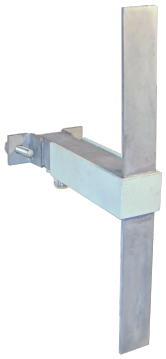
Half-Wave Dipole Antenna

UHF Mobile Trunking, & Telemetry 406—470 MHz
Seaside Edition

- ★ The HD400 provides unity gain over the frequency range from 406 to 470 MHz.
- ★ These antennas could be stacked and fed with matching phasing harnesses for increased gain.
- ★ Metal parts DC grounded.
- ★ Industrial design.
- ★ Sea water resistant.
- ★ Waterproof.
- ★ Corrosion proof.

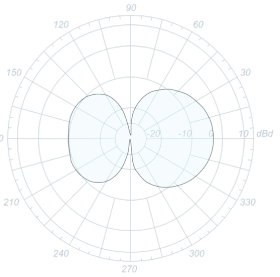


Electrical Data

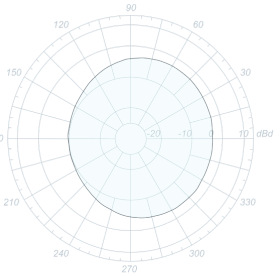
Sales code	**HD400SS**
Article number	A10AA2206A
Frequency	406—470 MHz
Average gain	0 dBd
Nominal gain	2 dBd (on support pipe)
VSWR	≤ 1.5: 1
Polarisation	Vertical
H-plane	3 dB beam width 180°
E-plane	3 dB beam width 66°
Rated power	500 W
Impedance	50 Ω
Termination	N-type female
Surge protection	All metal parts are directly grounded

Mechanical Data

Wind velocity	≤ 200 km/h
Wind load @ 144 km/h	2 kg
Flat plate area	0.018 m^2
Material	Stainless steel with moulded cover.
Mounting	It has an integral V-bolt to support a 25 mm to 50 mm diameter pipe.
Antenna dimensions	L 200 mm x H 300 mm
Parcel dimensions	0.7 kg / 32 cm x 25 cm x 10 cm



Typical vertical pattern
λ/2-wave HD dipole



Typical horizontal pattern
Omnidirectional dipole

Made in South Africa

Specifications subject to change without notice. Errors and omissions excepted (E&OE).

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