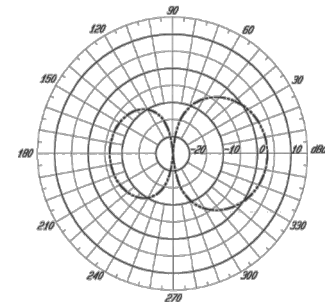


# 1/2-WAVE DIPOLE ANTENNAS

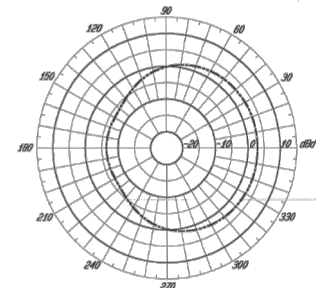
- ☑ The HD400 provides unity gain in the three-hundred-and-eighty to four-hundred-and-seventy megahertz Frequency.
- ☑ These antennas could be stacked and fed with matching phasing harnesses for increased gain.
- ☑ Metal parts DC grounded.


**HD400**

<b>Electrical Data</b>	<b>HD400</b>
Part Number	A10AA0058A
Frequency	380 – 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 DC grounded
<b>Mechanical Data</b>	
Max. wind velocity	200 km/h
Wind Load	2 kg @ 144 km/h
Flat Plate Area	0.018 m <sup>2</sup>
Material	Aluminium with moulded cover.
Mounting	With integral V-bolt to support pipe Ø 25 mm – Ø 50 mm
Dims	L 0,2 m x H 0,3 m
Packed Dims	0,7 kg / 32 cm x 25 cm x 10 cm



Typical Vertical Pattern



Typical Horizontal Pattern

**NOTES:**  
 VERTICAL POLARIZATION.  
 NORMALIZED SCALE  
 – NOT GAIN.