400— - 470 MHz

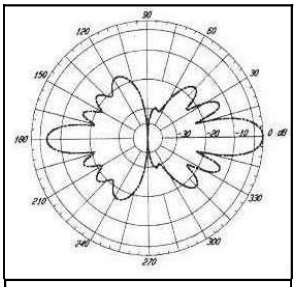
4-STACK UHF DIPOLE ANTENNAS

- ☑ The HD four stack arrays use center-fed, broadband, half-wave antennas.
- ☑ Antennas stacked vertically reduce the width of the vertical beam but the width of the horizontal beam is not altered.
- ☑ 3dB Gain.

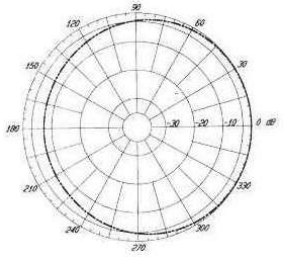
HD420_ 4S A10AA0227A

HD460_ 4S A10AA0228A

Electrical Data	HD420_4S	HD460_4S	SI
Frequency	400 – 430	440 – 470	MHz
Average Gain	6		dBd
Nominal Gain	8 (on support pipe)		dBd
VSWR	≤1,5:1		
Polarisation	Vertical		
H-Plane	3 dB Beam Width 230°		
E-Plane	3 dB Beam Width 16°		
Rated Power	500		W
Impedance	50		Ω
Connector Type	N male		
Surge Protection	All metal parts directly grounded		
Mechanical Data			
Max. wind velocity	200		km/h
Wind Load @ 144 km/h	30		kg
Flat Plate Area	0,283		m^2
Material	Aluminium with moulded cover		
Mounting	With integral V-bolt to support pipe 25 – 50mm Ø (support pipe included) Antenna Array Length = 2,3 m		
Packed Dims	4 off 32 x 25 x 10; 1off 32 x 33 x 6		cm
Packed Weight	3,3		kg



Typical Vertical Pattern



Typical Horizontal Pattern

NOTES:
VERTICAL POLARIZATION.
NORMALIZED SCALE
– NOT GAIN.