

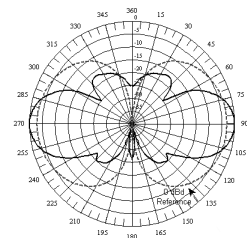
# UHF Dual Antennas (406-455 MHz)

Fiberglass Omni. Two antennas in a single radome.

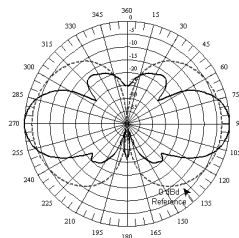
MODEL	DS4A03F36D-N	DS4A06F36D-N	DS4B03F36D-N	DS4B06F36D-N
<b>Model with 7/16 DIN</b>	N/A	N/A	N/A	N/A
<b>Type</b>	Dual Omni	Dual Omni	Dual Omni	Dual Omni
<b>ELECTRICAL SPECIFICATIONS</b>				
<b>Frequency Range (MHz)</b>	406-436	406-436	425-455	425-455
<b>Bandwidth (MHz)</b>	30	30	30	30
<b>Power (Watts)</b>	500	500	500	500
<b>Gain (dBd)</b>	3	6	3	6
<b>Horizontal Beamwidth (degrees)</b>	360	360	360	360
<b>Vertical Beamwidth (degrees)</b>	30	16	30	16
<b>Beam Tilt (degrees)</b>	0	0	0	0
<b>VSWR</b>	1.5:1	1.5:1	1.5:1	1.5:1
<b>Isolation (minimum) (dB)</b>	36	36	36	36
<b>PIM Rated Design</b>	Yes	Yes	Yes	Yes
<b>MECHANICAL SPECIFICATIONS</b>				
<b>Material/Construction</b>	Brass/Copper	Brass/Copper	Brass/Copper	Brass/Copper
<b>Input Connector</b>	N(F)	N(F)	N(F)	N(F)
<b># of Connectors</b>	2	2	2	2
<b>Temperature Range (degrees)</b>	-30 to +60 C	-30 to +60 C	-30 to +60 C	-30 to +60 C
<b>Flat Plate Area (ft<sup>2</sup>/m<sup>2</sup>)</b>	1.74 / 0.16	3.06 / 0.28	1.74 / 0.16	3.06 / 0.28
<b>Mounting Hardware - included</b>	DSH3V3R	DSH3V3N	DSH3V3N	DSH3V3N
<b>DIMENSIONS</b>				
<b>Length (ft/m)</b>	10.4 / 3.12	18.3 / 5.6	14 / 4.3	19.4 / 5.9
<b>Radome O.D. (in/cm)</b>	3 / 7.62	3 / 7.62	3 / 7.62	3 / 7.62
<b>Mast O.D. (in/cm)</b>	3.2 / 8.13	3.2 / 8.13	3.2 / 8.13	3.2 / 8.13
<b>Net Weight - without bracket (lb/kg)</b>	31 / 14.1	70 / 31.8	36.5 / 16.6	50 / 22.7
<b>Shipping Weight (lb/kg)</b>	41 / 18.45	80 / 36.3	47 / 21.3	60 / 27.2

## VERTICAL PATTERN - TOP

DS4A03F36D-N

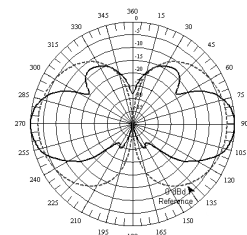


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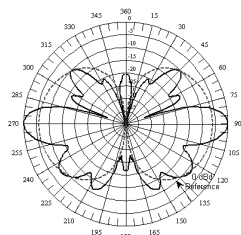


## VERTICAL PATTERN - BOTTOM

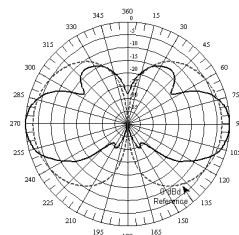
DS4A03F36D-N



DS4A06F36D-N



DS4B03F36D-N



DS4B06F36D-N

