

# VHF Antennas (140-150 MHz)

Fiberglass Omni

dbSpectra

MODEL	DS1E03F36U-N	DS1E06F36U-N
Model with 7/16 DIN	DS1E03F36U-D	DS1E06F36U-D
Type	Omni	Omni
<b>ELECTRICAL SPECIFICATIONS</b>		
Frequency Range (MHz)	140-150	140-150
Bandwidth (MHz)	10	10
Power (Watts)	500	500
Gain (dBd)	2.6	6
Horizontal Beamwidth (degrees)	360	360
Vertical Beamwidth (degrees)	30	16
Beam Tilt (degrees)	0	0
VSWR	1.5:1	1.5:1
PIM Rated Design	Yes	Yes
<b>MECHANICAL SPECIFICATIONS</b>		
Material/Construction	Brass/Copper	Brass/Copper
Input Connector	N(F)	N(F)
Temperature Range (degrees)	-30 to +60 C	-30 to +60 C
Flat Plate Area (ft <sup>2</sup> /m <sup>2</sup> )	2.49 / 0.23	3.84 / 0.36
Mounting Hardware - included	DSH3V3N	DSH3V3N
<b>DIMENSIONS</b>		
Length (ft/m)	14.9 / 4.5	22.9 / 6.9
Radome O.D. (in/cm)	3 / 7.62	3 / 7.62
Mast O.D. (in/cm)	3.2 / 8.13	3.2 / 8.13
Net Weight - without bracket (lb/kg)	43 / 19.5	64 / 29
Shipping Weight (lb/kg)	53 / 24	74 / 33.6
<b>VERTICAL PATTERN</b>		
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