

# VHF Antennas (150-164 MHz)

Fiberglass Omni

dbSpectra

MODEL	DS1F00C36U-N	DS1F03F36U-N	DS1F06F36U-N
Model with 7/16 DIN	DS1F00C36U-D	DS1F03F36U-D	DS1F06F36U-D
Type	Omni	Omni	Omni
<b>ELECTRICAL SPECIFICATIONS</b>			
Frequency Range (MHz)	150-164	150-164	150-164
Bandwidth (MHz)	14	14	14
Power (Watts)	500	500	500
Gain (dBd)	0	3	6
Horizontal Beamwidth (degrees)	360	360	360
Vertical Beamwidth (degrees)	80	30	16
Beam Tilt (degrees)	0	0	0
VSWR	1.5:1	1.5:1	1.5:1
PIM Rated Design	Yes	Yes	Yes
<b>MECHANICAL SPECIFICATIONS</b>			
Material/Construction	Brass/Copper	Brass/Copper	Brass/Copper
Input Connector	N(F)	N(F)	N(F)
Temperature Range (degrees)	-30 to +60 C	-30 to +60 C	-30 to +60 C
Flat Plate Area (ft <sup>2</sup> /m <sup>2</sup> )	0.62 / 0.057	2.1 / 0.195	3.67 / 0.34
Mounting Hardware - included	DSH2V3R	DSH3V3R	DSH3V3N
<b>DIMENSIONS</b>			
Length (ft/m)	5.5 / 1.68	12.6 / 3.8	21.9 / 6.7
Radome O.D. (in/cm)	2 / 5.1	3 / 7.62	3 / 7.62
Mast O.D. (in/cm)	2.5 / 6.4	3.2 / 8.13	3.2 / 8.13
Net Weight - without bracket (lb/kg)	14.8 / 6.7	37 / 16.8	60 / 27.2
Shipping Weight (lb/kg)	25 / 11.4	60 / 27.2	70 / 31.7

VERTICAL PATTERN	DS1F00C36U-N	DS1F03F36U-N	DS1F06F36U-N
			