

# VHF Antennas (160-174 MHz)

Fiberglass Omni

dbSpectra

MODEL	DS1G00C36U-N	DS1G03F36U-N	DS1G06F36U-N
Model with 7/16 DIN	DS1G00C36U-D	DS1G03F36U-D	DS1G06F36U-D
Type	Omni	Omni	Omni

## ELECTRICAL SPECIFICATIONS

Frequency Range (MHz)	160-174	160-174	160-174
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

## MECHANICAL SPECIFICATIONS

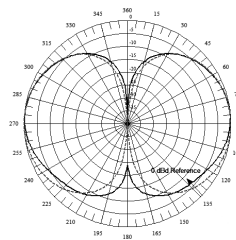
Material/Construction	Brass/Copper	Brass/Copper	Brass/Copper
Input Connector	N(F)	N(F)	N(F)
Temperature Range (degrees)	-30 to +60 C	-30 to +60 C	-30 to +60 C
Flat Plate Area (ft <sup>2</sup> /m <sup>2</sup> )	0.62 / 0.057	2.0 / 0.185	3.47 / 0.32
Mounting Hardware - included	DSH2V3R	DSH3V3R	DSH3V3N

## DIMENSIONS

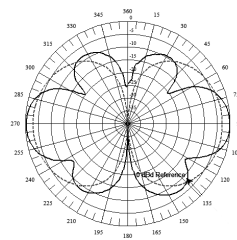
Length (ft/m)	5.5 / 1.68	12.6 / 3.8	20.8 / 6.4
Radome O.D. (in/cm)	2 / 5.1	3 / 7.62	3 / 7.62
Mast O.D. (in/cm)	2.5 / 6.35	3.2 / 8.13	3.2 / 8.13
Net Weight - without bracket (lb/kg)	6.3 / 2.8	37 / 16.8	61 / 27.7
Shipping Weight (lb/kg)	16 / 7.3	60 / 27.3	71 / 32.3

## VERTICAL PATTERN

DS1G00C36U-N



DS1G03F36U-N



DS1G06F36U-N

