

UHF Antennas (370-390 MHz)

Fiberglass Omni

dbSpectra

Antennas

MODEL	DS3B00F36U-N	DS3B03F36U-N	DS3B06F36U-N
Model with 7/16 DIN	DS3B00F36U-D	DS3B03F36U-D	DS3B06F36U-D
Type	Omni	Omni	Omni

ELECTRICAL SPECIFICATIONS

Frequency Range (MHz)	370-390	370-390	370-390
Bandwidth (MHz)	20	20	20
Power (Watts)	500	500	500
Gain (dBd)	0	3	6
Horizontal Beamwidth (degrees)	360	360	360
Vertical Beamwidth (degrees)	60	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 ² /m ²)	0.84 / 0.078	1.1 / 0.102	1.96 / 0.18
Mounting Hardware - included	DSH3V3R	DSH3V3R	DSH3V3R

DIMENSIONS

Length (ft/m)	3.56 / 1.09	6.66 / 2.03	11.75 / 3.5
Radome O.D. (in/cm)	3 / 7.62	3 / 7.62	3 / 7.62
Mast O.D. (in/cm)	3.2 / 8.13	3.2 / 8.13	3.2 / 8.13
Net Weight - without bracket (lb/kg)	6.71 / 3.1	15 / 6.8	42 / 19.1
Shipping Weight (lb/kg)	14 / 6.4	25 / 11.4	52 / 23.6

VERTICAL PATTERN	DS3B00F36U-N	DS3B03F36U-N	DS3B06F36U-N
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