

UHF Dual Antennas (450-512 MHz)

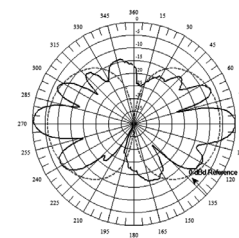
Fiberglass Omni. Two antennas in a single radome.

dbSpectra

MODEL	DS4C06F36D-N	DS4D03C36D-N	DS4D03F36D-N	DS4D06F36D-N
Model with 7/16 DIN	DS4C06F36D-D	DS4D03C36D-D	DS4D03F36D-D	DS4D06F36D-D
Type	Dual Omni	Dual Omni	Dual Omni	Dual Omni
ELECTRICAL SPECIFICATIONS				
Frequency Range (MHz)	450-482	480-512	480-512	480-512
Bandwidth (MHz)	32	32	32	32
Power (Watts)	500	500	500	500
Gain (dBd)	6	3	3	6
Horizontal Beamwidth (degrees)	360	360	360	360
Vertical Beamwidth (degrees)	16	30	30	16
Beam Tilt (degrees)	0	0	0	0
VSWR	1.5:1	1.5:1	1.5:1	1.5:1
Isolation (minimum) (dB)	35	35	35	35
PIM Rated Design	Yes	Yes	Yes	Yes
MECHANICAL SPECIFICATIONS				
Material/Construction	Brass/Copper	Brass/Copper	Brass/Copper	Brass/Copper
Input Connector	N(F)	N(F)	N(F)	N(F)
# of Connectors	2	2	2	2
Temperature Range (degrees)	-30 to +60 C	-30 to +60 C	-30 to +60 C	-30 to +60 C
Flat Plate Area (ft²/m²)	3.25 / 0.301	0.49 / 0.05	1.74 / 0.16	3.06 / 0.28
Mounting Hardware - included	DSH3V3N	DSH2V3R	DSH2V3R	DSH3V3N
DIMENSIONS				
Length (ft/m)	19.4 / 5.9	8 / 2.4	8 / 2.4	19.4 / 5.9
Radome O.D. (in/cm)	3 / 7.62	2 / 5.08	3 / 7.62	3 / 7.62
Mast O.D. (in/cm)	3.2 / 8.13	2.5 / 6.35	3.2 / 8.13	3.2 / 8.13
Net Weight - without bracket (lb/kg)	50 / 22.7	10 / 4.5	10 / 4.5	50 / 22.7
Shipping Weight (lb/kg)	60 / 27.2	20 / 9	20 / 9	60 / 27.2

VERTICAL PATTERN - TOP

DS4D06F36D-N



VERTICAL PATTERN - BOTTOM

DS4C06F36D-N

DS4D03C36D-N

DS4D03F36D-N

DS4D06F36D-N

