

700 MHz Omni Antennas (746-806 MHz)

		746-806 MHz							
Model Number		DS7D03F36U-N	DS7D03F36U-D	DS7D06F36U-N	DS7D06F36U-D	DS7D09F36U-N	DS7D09F36U-D	DS7D10F36U-N	DS7D10F36U-D
Input Connector		N(F)	7/16 DIN						
Type		Single		Single		Single		Single	
ELECTRICAL	Bandwidth, MHz	60		60		60		60	
	Power, Watts	500		500		500		500	
	Gain, dBd	3		6		8		10	
	Horizontal Beamwidth, degrees	360		360		360		360	
	Vertical Beamwidth, degrees	30		16		8		6	
	Beam Tilt, degrees	0		0		0		0	
	Isolation (minimum), dB	N/A		N/A		N/A		N/A	
MECHANICAL	Number of Connectors	1		1		1		1	
	Flat Plate Area, ft ²	0.6		1.26		2.4		2.38	
	Lateral Windload Thrust, lbf	25		53		101		100	
	Rated Wind Speed (mph), without ice	325		250		175		175	
	Mounting Hardware included	DSH2V3R		DSH2V3R		DSH3V3N		DSH3V3N	
DIMENSIONS	Length, ft(m)	3.6 (1.1)		7.6 (2.3)		14.5 (4.4)		14.4 (4.4)	
	Radome O.D., in(cm)	3 (5.1)		3 (7.6)		3 (7.6)		3 (7.6)	
	Mast O.D., in(cm)	2.5 (6.4)		2.5 (6.4)		2.5 (6.4)		2.5 (6.4)	
	Net Weight w/o bracket, lb(kg)	6.7 (3)		19 (8.6)		41 (18.6)		41 (18.6)	
	Shipping Weight, lb(kg)	14 (6.4)		39 (17.7)		71 (32.2)		71 (32.2)	

