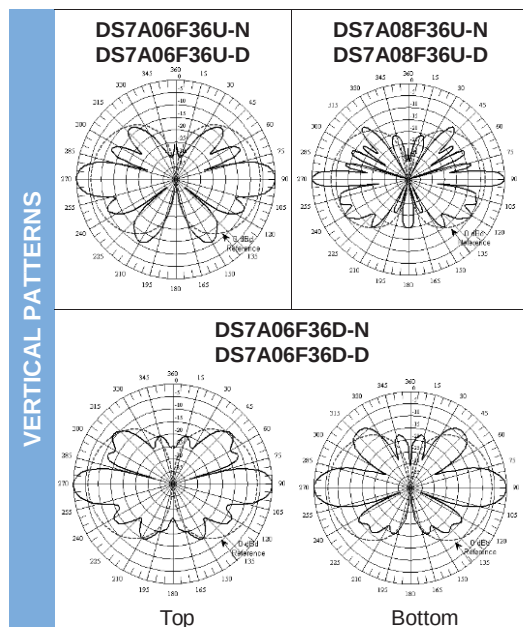


700-800 MHz Broadband Omni Antennas (746-869 MHz)

		746-869 MHz								746-869 MHz		
Model Number		DS7A06F36U-N	DS7A06F36U-D	DS7A08F36U-N	DS7A08F36U-D	DS7A06F36D-N	DS7A06F36D-D	DS7A06F36U6N	DS7A06F36U6D	DS7A06F36U3D	DS7A06F36U3N	DS7A06F36T-N
Input Connector		N(F)	7/16 DIN	N(F)	7/16 DIN	N(F)	7/16 DIN	N(F)	7/16 DIN	7/16 DIN	N(F)	N(F)
Type		Single		Single		Dual		Beamtilt		Beamtilt		Triple
ELECTRICAL	Bandwidth, MHz	123		123		123		123		123		123
	Power, Watts	500		500		350		500		500		500
	Gain, dBd	6		8		6		6		6		6
	Horizontal Beamwidth, degrees	360		360		360		360		360		360
	Vertical Beamwidth, degrees	16		10		16		16		16		16
	Beam Tilt, degrees	0		0		0		6 Down		3 Down		0
	Isolation (minimum), dB	N/A		N/A		35		N/A		N/A		N/A
MECHANICAL	Number of Connectors	1		1		2		1		1		3
	Flat Plate Area, ft²	1.09		1.81		1.89		1.09		1.09		3.44
	Lateral Windload Thrust, lbf	46		76		79		46		46		145
	Rated Wind Speed (mph), without ice	250		190		190		250		250		150
	Mounting Hardware included	DSH2V3R		DSH3V3R		DSH3V3R		DSH2V3R		DSH2V3R		DSH3V3N
DIMENSIONS	Length, ft(m)	6.6 (2.1)		10.9 (3.3)		11.4 (3.5)		6.6 (2.1)		6.6(2.1)		20.8 (6.4)
	Radome O.D., in(cm)	3 (7.6)		3 (7.6)		3 (7.6)		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)		2.5 (6.4)		2.5 (6.4)
	Net Weight w/o bracket, lb(kg)	19 (8.6)		29 (13.2)		31 (14.1)		19 (8.6)		19 (8.6)		39 (17.7)
	Shipping Weight, lb(kg)	39 (17.7)		59 (26.8)		61 (27.7)		39 (17.7)		39 (17.7)		97 (44)



700-800 MHz Broadband Omni Antennas (764-869 MHz)

		764-869 MHz						764-806 MHz	794-824 MHz	764-869 MHz	
Model Number		DS7C09F36U-N	DS7C09F36U-D	DS7C10F36U-N	DS7C10F36U-D	DS7C10F36U3N	DS7C10F36U3D	DS7B12F36U-N	DS7B12F36U-D	DS7E12F36U-N	DS7E12F36U-D
Input Connector		N(F)	7/16 DIN	N(F)	7/16 DIN	N(F)	7/16 DIN	N(F)	7/16 DIN	N(F)	7/16 DIN
Type		Single		Single		Beamtilt		Single		Single	
ELECTRICAL	Bandwidth, MHz	105		105		105		42		30	
	Power, Watts	500		500		500		500		500	
	Gain, dBd	9		10		10		12		12	
	Horizontal Beamwidth, degrees	360		360		360		360		360	
	Vertical Beamwidth, degrees	8		6		6		3		3	
	Beam Tilt, degrees	0		0		3 Down		0		0	
	Isolation (minimum), dB	N/A		N/A		N/A		N/A		N/A	
MECHANICAL	Number of Connectors	1		1		1		1		1	
	Flat Plate Area, ft ²	2.38		2.38		2.38		3.97		3.97	
	Lateral Windload Thrust, lbf	100		100		100		167		167	
	Rated Wind Speed (mph), without ice	175		175		175		150		150	
DIMENSIONS	Mounting Hardware included	DSH3V3N		DSH3V3N		DSH3V3N		DSH3V3N		DSH3V3N	
	Length, ft(m)	14.4 (4.4)		14.4 (4.4)		14.4 (4.4)		24.0 (7.3)		24.0 (7.3)	
	Radome O.D., in(cm)	3 (7.6)		3 (7.6)		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)		2.5 (6.4)	
	Net Weight w/o bracket, lb(kg)	41 (18.6)		41 (18.6)		41 (18.6)		70 (31.8)		70 (31.8)	
Shipping Weight, lb(kg)		71 (32.2)		71 (32.2)		71 (32.2)		100 (45.4)		100 (45.4)	

