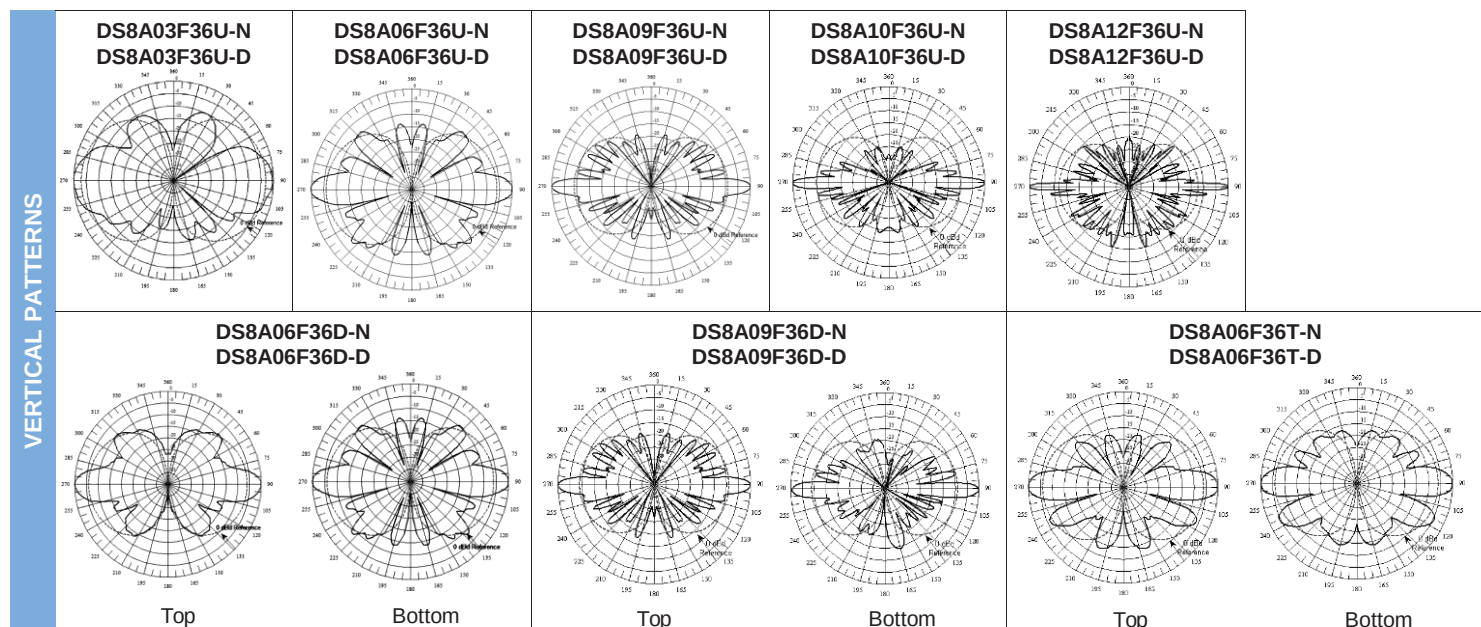


800 MHz Omni Antennas (806-869 MHz)

		806-869 MHz																	
Model Number		DS8A03F36U-N	DS8A03F36U-D	DS8A06F36U-N	DS8A06F36U-D	DS8A09F36U-N	DS8A09F36U-D	DS8A10F36U-N	DS8A10F36U-D	DS8A12F36U-N	DS8A12F36U-D	DS8A06F36D-N	DS8A06F36D-D	DS8A09F36D-N	DS8A09F36D-D	DS8A06F36T-N	DS8A06F36T-D	DS8A12F36U3N	DS8A12F36U3D
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	N(F)	7/16 DIN	N(F)	7/16 DIN	N(F)	7/16 DIN	N(F)	7/16 DIN
Type		Single		Single		Single		Single		Single		Dual		Dual		Triple		Beamtilt	
ELECTRICAL	Bandwidth, MHz	63		63		63		63		63		63		63		63		63	
	Power, Watts	500		500		500		500		500		350		350		250		500	
	Gain, dBd	3		6		9		10		12		6		9		6		12	
	Horizontal Beamwidth, degrees	360		360		360		360		360		360		360		360		360	
	Vertical Beamwidth, degrees	30		16		8		6		3		16		8		16		3	
	Beam Tilt, degrees	0		0		0		0		0		0		0		0		3 Down	
	Isolation (minimum), dB	N/A		N/A		N/A		N/A		N/A		40		40		40		N/A	
MECHANICAL	Number of Connectors	1		1		1		1		1		2		2		3		1	
	Flat Plate Area, ft²	0.48		1.26		2.02		2.40		3.69		1.89		3.51		2.63		3.69	
	Lateral Windload Thrust, lbf	20		53		85		101		155		79		147		111		155	
	Wind Speed Rating (mph), without ice	325		250		190		175		150		190		150		175		150	
	Mounting Hardware included	DSH2V3R		DSH2V3R		DSH3V3R		DSH3V3N		DSH3V3N		DSH3V3R		DSH3V3N		DSH3V3N		DSH3V3N	
DIMENSIONS	Length, ft(m)	2.9 (0.9)		7.6 (2.3)		12.2 (3.7)		14.5 (4.4)		22.3 (6.8)		11.4 (3.5)		21.2 (6.5)		15.9 (4.9)		22.3 (6.8)	
	Radome O.D., in(cm)	2 (5.1)		3 (7.6)		3 (7.6)		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)		2.5 (6.4)		2.5 (6.4)		2.5 (6.4)	
	Net Weight w/o bracket, lb(kg)	5.5 (2.5)		19 (8.6)		36 (16.3)		41 (18.6)		63 (28.6)		31 (14.1)		52 (23.6)		44 (20)		63 (28.6)	
	Shipping Weight, lb(kg)	9.6 (4.4)		39 (17.7)		66 (29.9)		71 (32.2)		93 (42.2)		61 (27.7)		82 (37.2)		74 (33.6)		93 (42.2)	



800 MHz Omni Antennas (806-869 MHz)

		806-869 MHz											
Model Number		DS8A06F36U3N	DS8A06F36U3D	DS8A09F36U3N	DS8A09F36U3D	DS8A09F36U6N	DS8A09F36U6D	DS8A10F36U3N	DS8A10F36U3D	DS8A06F36U6N	DS8A06F36U6D	DS8A10F36U6D	DS8A10F36U6N
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	N(F)	7/16 DIN
Type		Beamtilt		Beamtilt		Beamtilt		Beamtilt		Beamtilt		Beamtilt	
ELECTRICAL	Bandwidth, MHz	63		63		63		63		63		63	
	Power, Watts	500		500		500		500		500		500	
	Gain, dBd	6		9		9		10		6		10	
	Horizontal Beamwidth, degrees	360		360		360		360		360		360	
	Vertical Beamwidth, degrees	16		8		8		6		16		6	
	Beam Tilt, degrees	3 Down		3 Down		6 Down		3 Down		6 Down		6 Down	
	Isolation (minimum), dB	N/A		N/A		N/A		N/A		N/A		N/A	
MECHANICAL	Number of Connectors	1		1		1		1		1		1	
	Flat Plate Area, ft ²	1.26		1.87		1.87		2.14		1.26		2.14	
	Lateral Windload Thrust, lbf	53		79		79		90		53		90	
	Wind Speed Rating, (mph), without ice	250		190		190		190		250		190	
	Mounting Hardware included	DSH2V3R		DSH3V3R		DSH3V3R		DSH3V3R		DSH2V3R		DSH3V3R	
DIMENSIONS	Length, ft(m)	7.6 (2.3)		11.3 (3.4)		11.3 (3.4)		12.9 (3.9)		7.6 (2.3)		12.9 (3.9)	
	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)		30 (13.6)		30 (13.6)		38 (17.2)		19 (8.6)		38 (17.2)	
	Shipping Weight, lb(kg)	39 (17.7)		60 (27.2)		60 (27.2)		68 (30.8)		39 (17.7)		68 (30.8)	

