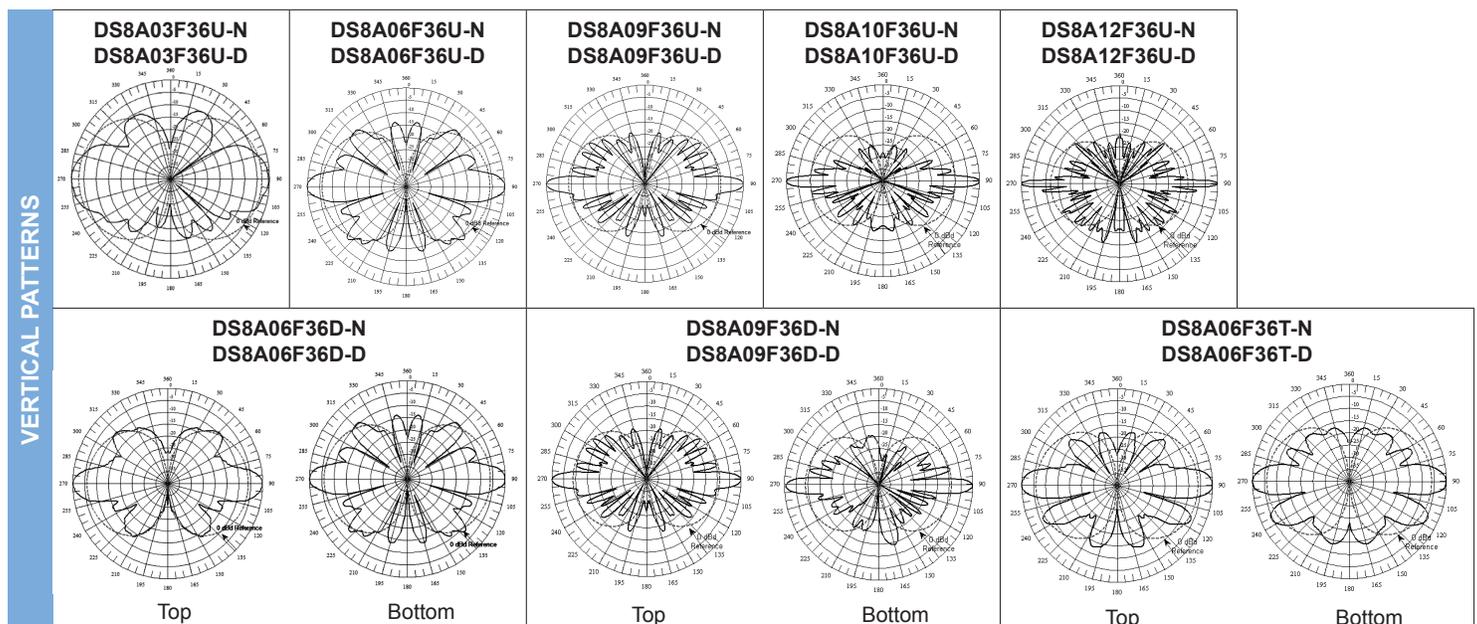


800 MHz Omni Antennas (806-869 MHz)

		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	DS8A03F36T-N	DS8A03F36T-D	DS8A06F36T-N	DS8A06F36T-D
Input Connector		N(F)	7/16 DIN																
Type		Single		Single		Single		Single		Single		Dual		Dual		Triple		Triple	
ELECTRICAL	Bandwidth, MHz	63		63		63		63		63		63		63		63		63	
	Power, Watts	500		500		500		500		500		350		350		250		250	
	Gain, dBd	3		6		9		10		12		6		9		3		6	
	Horizontal Beamwidth, degrees	360		360		360		360		360		360		360		360		360	
	Vertical Beamwidth, degrees	30		16		8		6		3		16		8		30		16	
	Beam Tilt, degrees	0		0		0		0		0		0		0		0		0	
	Isolation (minimum), dB	N/A		40		40		40		40									
MECHANICAL	Number of Connectors	1		1		1		1		1		2		2		3		3	
	Flat Plate Area, ft ² (m ²)	0.24 (0.02)		1.53 (0.14)		2.43 (0.23)		2.88 (0.27)		4.43 (0.41)		2.27 (0.21)		4.22 (0.39)		2.4 (0.73)		3.47 (0.32)	
	Lateral Windload Thrust, lbf(N)	11 (48)		57 (254)		91 (406)		108 (480)		166 (738)		85 (378)		158 (703)		89 (394)		89 (394)	
	Survival Wind Speed without ice, mph(kph)	437 (703)		215 (346)		135 (217)		120 (193)		75 (121)		150 (241)		80 (129)		134 (216)		134 (216)	
	with 0.5" radial ice, mph(kph)	319 (513)		190 (306)		120 (193)		100 (161)		60 (97)		125 (201)		68 (109)		104 (167)		104 (167)	
Mounting Hardware included	DSH2V3R		DSH2V3R		DSH3V3R		DSH3V3N		DSH3V3N		DSH3V3R		DSH3V3N		DSH2V3R		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)		TBD		15.9 (4.9)	
	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)		37 (16)		44 (20)	
	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)		TBD		74 (33.6)	



800 MHz Omni Antennas (806-869 MHz)

		806-869 MHz							
Model Number		DS8A06F36U3N	DS8A06F36U3D	DS8A09F36U3N	DS8A09F36U3D	DS8A09F36U6N	DS8A09F36U6D	DS8A10F36U3N	DS8A10F36U3D
Input Connector		N(F)	7/16 DIN						
Type		Beamtillt		Beamtillt		Beamtillt		Beamtillt	
ELECTRICAL	Bandwidth, MHz	63		63		63		63	
	Power, Watts	500		500		500		500	
	Gain, dBd	6		9		9		10	
	Horizontal Beamwidth, degrees	360		360		360		360	
	Vertical Beamwidth, degrees	16		8		8		6	
	Beam Tilt, degrees	3 Down		3 Down		6 Down		3 Down	
	Isolation (minimum), dB	N/A		N/A		N/A		N/A	
MECHANICAL	Number of Connectors	1		1		1		1	
	Flat Plate Area, ft ² (m ²)	1.53 (0.14)		2.24 (0.21)		2.24 (0.21)		2.57 (0.24)	
	Lateral Windload Thrust, lbf(N)	57 (254)		84 (374)		84 (374)		97 (429)	
	Survival Wind Speed without ice, mph(kph) with 0.5" radial ice, mph(kph)	215 (346) 190 (306)		150 (241) 130 (209)		150 (241) 130 (209)		125 (201) 110 (177)	
	Mounting Hardware included	DSH2V3R		DSH3V3R		DSH3V3R		DSH3V3R	
DIMENSIONS	Length, ft(m)	7.6 (2.3)		11.3 (3.4)		11.3 (3.4)		12.9 (3.9)	
	Radome O.D., in(cm)	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)	
	Net Weight w/o bracket, lb(kg)	19 (8.6)		30 (13.6)		30 (13.6)		38 (17.2)	
	Shipping Weight, lb(kg)	39 (17.7)		60 (27.2)		60 (27.2)		68 (30.8)	

