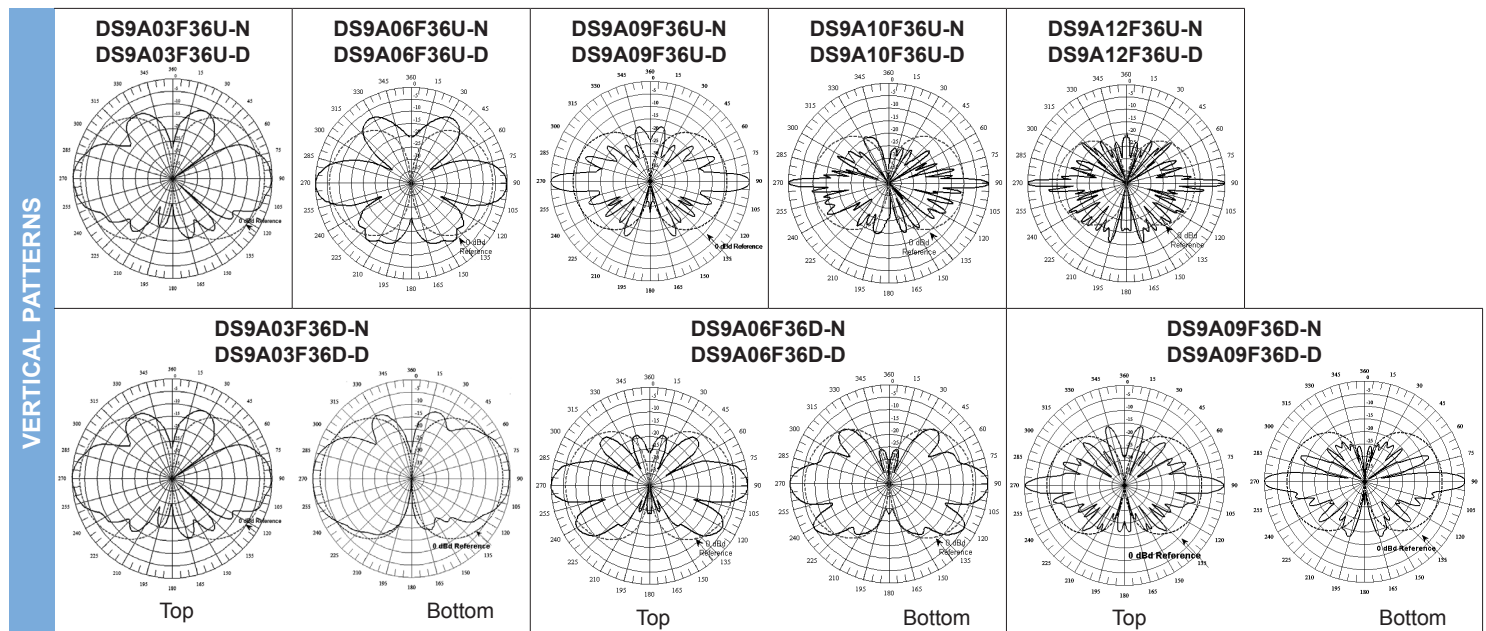


900 MHz Omni Antennas (890-960 MHz)

		890-960 MHz															
Model Number		DS9A03F36U-N	DS9A03F36U-D	DS9A06F36U-N	DS9A06F36U-D	DS9A09F36U-N	DS9A09F36U-D	DS9A10F36U-N	DS9A10F36U-D	DS9A12F36U-N	DS9A12F36U-D	DS9A03F36D-N	DS9A03F36D-D	DS9A06F36D-N	DS9A06F36D-D	DS9A09F36D-N	DS9A09F36D-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	N(F)	7/16 DIN	N(F)	7/16 DIN	N(F)	7/16 DIN
Type		Single		Single		Single		Single		Single		Dual		Dual		Dual	
ELECTRICAL	Bandwidth, MHz	70		70		70		70		70		70		70		70	
	Power, Watts	500		500		500		500		500		350		350		350	
	Gain, dBd	3		6		9		10		12		3		6		9	
	Horizontal Beamwidth, degrees	360		360		360		360		360		360		360		360	
	Vertical Beamwidth, degrees	30		16		8		6		3		30		16		8	
	Beam Tilt, degrees	0		0		0		0		0		0		0		0	
	Isolation (minimum), dB	N/A		N/A		N/A		N/A		N/A		40		40		45	
MECHANICAL	Number of Connectors	1		1		1		1		1		2		2		2	
	Flat Plate Area, ft ² (m ²)	0.24 (0.02)		1.28 (0.12)		2.26 (0.21)		3.25 (0.3)		4.33 (0.4)		1.38 (0.13)		2.27 (0.21)		3.83 (0.36)	
	Lateral Windload Thrust, lbf(N)	11 (48)		48 (214)		85 (377)		122 (543)		163 (723)		31 (139)		85 (374)		144 (641)	
	Survival Wind Speed without ice, mph(kph)	437 (703)		250 (402)		150 (241)		105 (169)		75 (121)		379 (610)		150 (241)		90 (145)	
	with 0.5" radial ice, mph(kph)	319 (513)		225 (362)		127 (204)		88 (142)		60 (97)		294 (473)		125 (201)		75 (121)	
	Mounting Hardware included	DSH2V3R		DSH2V3R		DSH3V3R		DSH3V3N		DSH3V3N		DSH2V3R		DSH3V3R		DSH3V3N	
DIMENSIONS	Length, ft(m)	2.9 (0.9)		6.7 (2)		11.4 (3.5)		16.3 (5)		21.8 (6.6)		8 (2.4)		11.4 (3.5)		19.2 (5.9)	
	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)	
	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)	
	Net Weight w/o bracket, lb(kg)	5.5 (2.5)		18 (8.2)		30 (13.6)		45 (20.4)		52 (23.6)		21 (9.5)		31 (14.1)		50 (22.7)	
	Shipping Weight, lb(kg)	9.6 (4.4)		28 (12.7)		60 (27.2)		75 (34)		82 (37.2)		51 (23.1)		61 (27.7)		80 (36.3)	



900 MHz Omni Antennas (890-960 MHz)

		890-960 MHz					
Model Number		DS9A06F36U3N	DS9A06F36U3D	DS9A06F36U6N	DS9A06F36U6D	DS9A10F36U3N	DS9A10F36U3D
Input Connector		N(F)	7/16 DIN	N(F)	7/16 DIN	N(F)	7/16 DIN
Type		Beamtilt		Beamtilt		Beamtilt	
ELECTRICAL	Bandwidth, MHz	70		70		70	
	Power, Watts	500		500		500	
	Gain, dBd	6		6		10	
	Horizontal Beamwidth, degrees	360		360		360	
	Vertical Beamwidth, degrees	16		16		6	
	Beam Tilt, degrees	3 Down		6 Down		3 Down	
	Isolation (minimum), dB	N/A		N/A		N/A	
MECHANICAL	Number of Connectors	1		1		1	
	Flat Plate Area, ft²(m²)	1.28 (0.12)		1.28 (0.12)		2.5 (0.23)	
	Lateral Windload Thrust, lbf(N)	48 (214)		48 (214)		122 (543)	
	Survival Wind Speed without ice, mph(kph) with 0.5” radial ice, mph(kph)	250 (402) 225 (362)		250 (402) 225 (362)		105 (169) 88 (142)	
	Mounting Hardware included	DSH2V3R		DSH2V3R		DSH3V3N	
DIMENSIONS	Length, ft(m)	6.7 (2)		6.7 (2)		16.3 (5)	
	Radome O.D., in(cm)	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)	
	Net Weight w/o bracket, lb(kg)	18 (8.2)		18 (8.2)		45 (20.4)	
	Shipping Weight, lb(kg)	28 (12.7)		28 (12.7)		75 (34)	

VERTICAL PATTERNS	DS9A06F36U3N DS9A06F36U3D	DS9A06F36U6N DS9A06F36U6D	DS9A10F36U3N DS9A10F36U3D