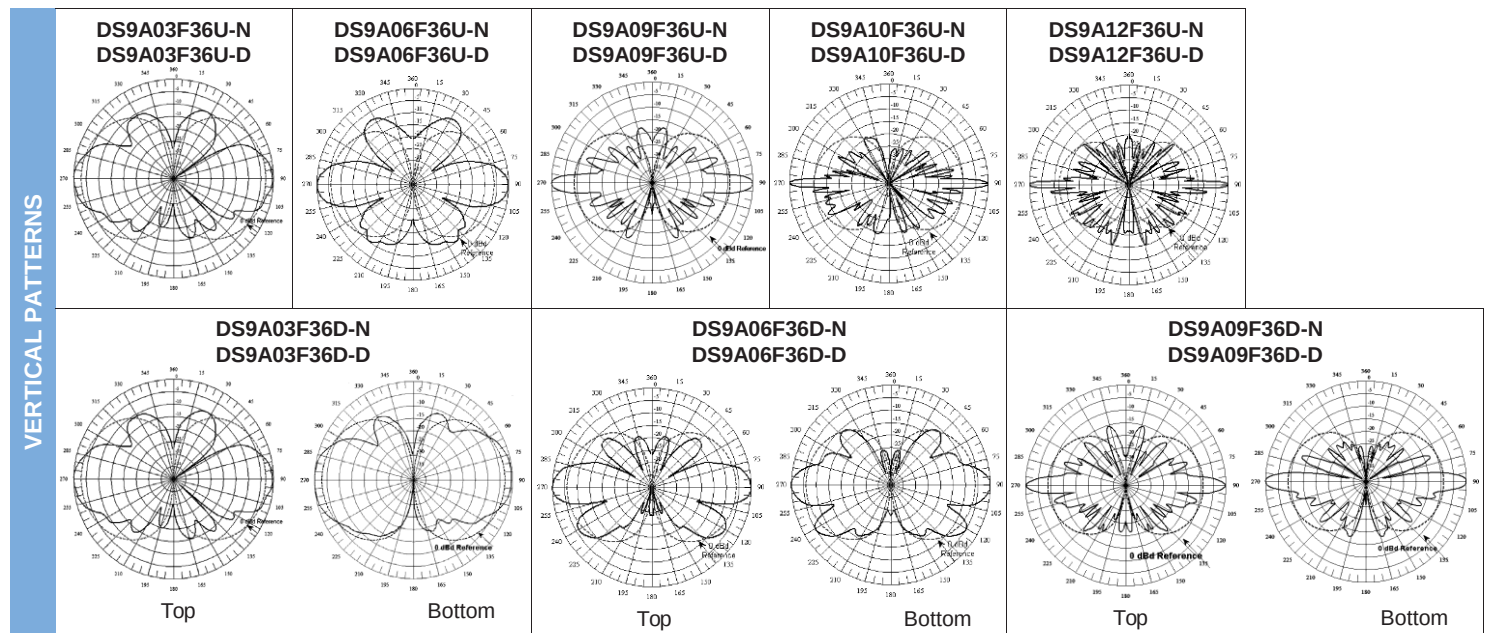


900 MHz Omni Antennas (890-960 MHz)

		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		DS9A06F36T-N		DS9A06F36T-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	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		Single		Dual		Dual		Dual		Triple																	
ELECTRICAL	Bandwidth, MHz	70		70		70		70		70		70		70		70		70		70																	
	Power, Watts	500		500		500		500		500		350		350		350		250																			
	Gain, dBd	3		6		9		10		12		3		6		9		6																			
	Horizontal Beamwidth, degrees	360		360		360		360		360		360		360		360		360																			
	Vertical Beamwidth, degrees	30		16		8		6		3		30		16		8		16																			
	Beam Tilt, degrees	0		0		0		0		0		0		0		0		0																			
	Isolation (minimum), dB	N/A		N/A		N/A		N/A		N/A		40		40		45		40																			
MECHANICAL	Number of Connectors	1		1		1		1		1		2		2		2		3																			
	Flat Plate Area, ft²	0.48		0.86		1.89		2.70		3.61		1.32		1.89		3.18		2.53																			
	Lateral Windload Thrust, lbf	20		36		79		113		152		56		79		134		106																			
	Wind Speed Rating (mph), without ice	325		250		190		175		150		250		190		160		175																			
	Mounting Hardware included	DSH2V3R		DSH2V3R		DSH3V3R		DSH3V3N		DSH3V3N		DSH2V3R		DSH3V3R		DSH3V3N		DSH3V3N																			
DIMENSIONS	Length, ft(m)	2.9 (0.9)		5.2 (1.6)		11.4 (3.5)		16.3 (5)		21.8 (6.6)		8 (2.4)		11.4 (3.5)		19.2 (5.9)		15.3 (4.7)																			
	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 (8.13)																			
	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)		40 (18.1)																			
	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)		50 (22.7)																			



900 MHz Omni Antennas (890-960 MHz)

		890-960 MHz																	
Model Number		DS9A06F36U3N	DS9A06F36U3D	DS9A06F36U6N	DS9A06F36U6D	DS9A10F36U3N	DS9A10F36U3D	DS9A06F36D3D	DS8A06F36D3N	DS9A06F36D6D	DS9A06F36D6N	DS9A09F36U3D	DS9A09F36U3N	DS9A06F36T6D	DS9A06F36T6N	DS9A09F36U6D	DS9A09F36U6N	DS9A10F36U6D	DS9A10F36U6N
Input Connector		N(F)	7/16 DIN	N(F)	7/16 DIN	N(F)	7/16 DIN	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)
Type		Beamtilt		Beamtilt		Beamtilt		Beamtilt		Beamtilt		Beamtilt		Beamtilt		Beamtilt		Beamtilt	
ELECTRICAL	Bandwidth, MHz	70		70		70		70		70		70		70		70		70	
	Power, Watts	500		500		500		500		500		500		500		500		500	
	Gain, dBd	6		6		10		6		6		9		6		9		10	
	Horizontal Beamwidth, degrees	360		360		360		360		360		360		360		360		360	
	Vertical Beamwidth, degrees	16		16		6		16		16		8		16		8		6	
	Beam Tilt, degrees	3 Down		6 Down		3 Down		3 Down		6 Down		3 Down		6 Down		6 Down		6 Down	
	Isolation (minimum), dB	N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A		N/A	
MECHANICAL	Number of Connectors	1		1		1		2		2		1		3		1		1	
	Flat Plate Area, ft²	1.09		0.86		2.70		1.89		1.89		1.89		2.53		1.42		2.70	
	Lateral Windload Thrust, lbf	46		36		113		79		79		79		106		60		113	
	Wind Speed Rating, (mph), without ice	250		250		175		190		190		190		175		225		175	
	Mounting Hardware included	DSH2V3R		DSH2V3R		DSH3V3N		DSH3V3R		DSH3V3R		DSH3V3R		DSH3V3N		DSH2V3R		DSH3V3N	
DIMENSIONS	Length, ft(m)	6.6(2.1)		5.2 (1.6)		16.3 (5)		11.4 (3.5)		11.4 (3.5)		11.4 (3.5)		15.3 (4.7)		8.6 (2.7)		16.3 (5)	
	Radome O.D., in(cm)	3 (7.6)		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 (8.13)		2.5 (6.4)		2.5 (6.4)	
	Net Weight w/o bracket, lb(kg)	18 (8.2)		18 (8.2)		45 (20.4)		31 (14.1)		31 (14.1)		30 (13.6)		40 (18.1)		30 (13.6)		45 (20.4)	
	Shipping Weight, lb(kg)	28 (12.7)		28 (12.7)		75 (34)		61 (27.7)		61 (27.7)		60 (27.2)		50 (22.7)		60 (27.2)		75 (34)	

