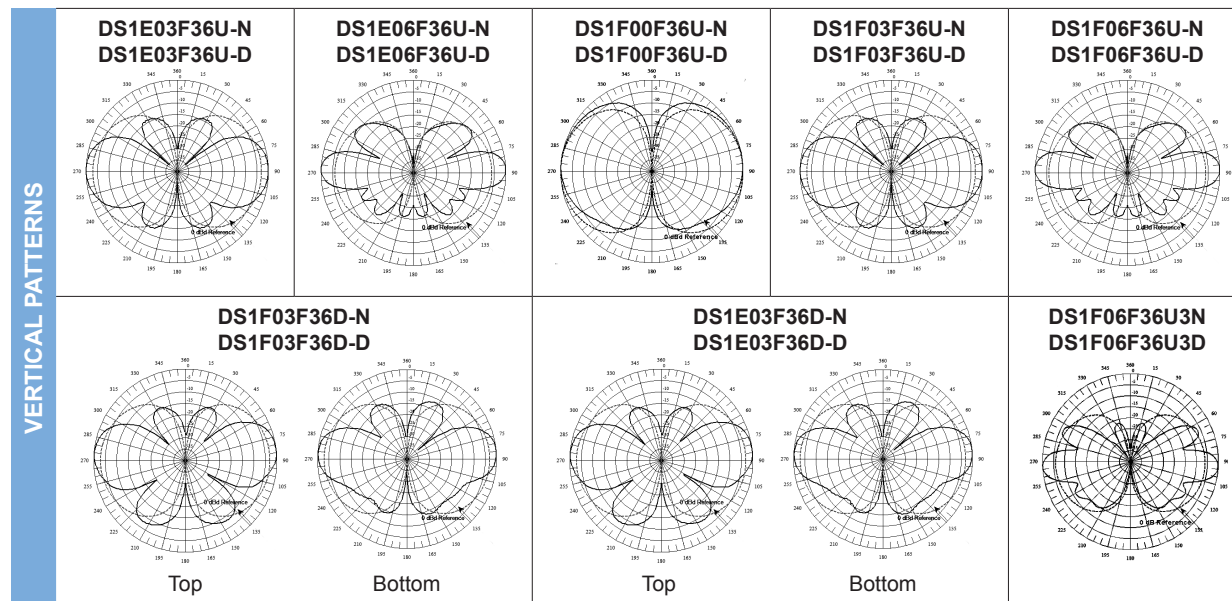


VHF Omni Antennas (138-164 MHz)

		138-150 MHz						150-164 MHz																									
Model Number		DS1E03F36U-N		DS1E03F36U-D		DS1E06F36U-N		DS1E06F36U-D		DS1E03F36D-N		DS1E03F36D-D		DS1F00F36U-N		DS1F00F36U-D		DS1F03F36U-N		DS1F03F36U-D		DS1F06F36U-N		DS1F06F36U-D		DS1F03F36D-N		DS1F03F36D-D		DS1F06F36U3N		DS1F06F36U3D	
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		Dual				Single		Single		Single		Dual		Beamtilt															
ELECTRICAL	Bandwidth, MHz	10		10		10				14		14		14		14		14															
	Power, Watts	500		500		350				500		500		500		350		500															
	Gain, dBd	3		6		3				0		3		6		3		6															
	Horizontal Beamwidth, degrees	360		360		360				360		360		360		360		360															
	Vertical Beamwidth, degrees	30		16		30				65		30		16		30		16															
	Beam Tilt, degrees	0		0		0				0		0		0		0		3 Down															
	Isolation (minimum), dB	N/A		N/A		30				N/A		N/A		N/A		30		N/A															
MECHANICAL	Number of Connectors	1		1		2				1		1		1		2		1															
	Flat Plate Area, ft²	2.47		3.79		4.02				1.36		2.09		3.63		3.69		3.63															
	Lateral Windload Thrust, lbf	104		159		169				57		88		152		155		152															
	Wind Speed Rating without ice, mph	175		150		150				225		190		150		150		150															
	Mounting Hardware included	DSH3V3N		DSH3V3N		DSH3V3N				DSH2V3R		DSH3V3R		DSH3V3N		DSH3V3N		DSH3V3N															
DIMENSIONS	Length, ft(m)	14.9 (4.5)		22.9 (7)		24.3 (7.4)				8.2 (2.5)		12.6 (3.8)		21.9 (6.7)		22.3 (6.8)		21.9 (6.7)															
	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)															
	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)	43 (19.5)		65 (29.5)		70 (31.8)				20 (9.1)		37 (16.8)		60 (27.2)		63 (28.6)		60 (27.2)															
	Shipping Weight, lb(kg)	73 (33.1)		95 (43.1)		100 (45.4)				40 (18.1)		67 (30.4)		90 (40.8)		93 (42.2)		90 (40.8)															



VHF Omni Antennas (160-222 MHz)

		160-174 MHz						217-222 MHz									
Model Number		DS1G03F36U-N	DS1G03F36U-D	DS1G06F36U-N	DS1G06F36U-D	DS1G03F36D-N	DS1G03F36D-D	DS2C00F36U-N	DS2C00F36U-D	DS2C03F36U-N	DS2C03F36U-D	DS2C06F36U-N	DS2C06F36U-D	DS2C00F36D-N	DS2C00F36D-D	DS2C03F36D-N	DS2C03F36D-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		Dual		Single		Single		Single		Dual		Dual	
ELECTRICAL	Bandwidth, MHz	14		14		14		5		5		5		5		5	
	Power, Watts	500		500		350		500		500		500		350		350	
	Gain, dBd	3		6		3		0		3		6		0		3	
	Horizontal Beamwidth, degrees	360		360		360		360		360		360		360		360	
	Vertical Beamwidth, degrees	30		16		30		60		30		16		60		30	
	Beam Tilt, degrees	0		0		0		0		0		0		0		0	
	Isolation (minimum), dB	N/A		N/A		30		N/A		N/A		N/A		30		30	
MECHANICAL	Number of Connectors	1		1		2		1		1		1		2		2	
	Flat Plate Area, ft ²	2.10		3.63		3.69		1.28		1.64		2.58		2.09		3.08	
	Lateral Windload Thrust lbf	88		152		155		54		69		109		88		129	
	Wind Speed Rating without ice, mph	190		150		150		250		225		175		190		160	
	Mounting Hardware included	DSH3V3R		DSH3V3N		DSH3V3N		DSH2V3R		DSH2V3R		DSH3V3N		DSH3V3R		DSH3V3N	
DIMENSIONS	Length, ft(m)	12.7 (3.9)		21.9 (6.7)		22.3 (6.8)		7.7 (2.3)		9.9 (3)		15.6 (4.8)		12.6 (3.8)		18.6 (5.7)	
	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)	
	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)	37 (16.8)		60 (27.2)		63 (28.6)		19 (8.6)		26 (11.8)		47 (21.3)		40 (18.1)		70 (31.8)	
	Shipping Weight, lb(kg)	67 (30.4)		90 (40.8)		93 (42.2)		39 (17.7)		56 (25.4)		77 (34.9)		70 (31.8)		100 (45.4)	

