



Antenna Model	3 dB point H (plane) V		6 dB point H (plane) V		9 dB point H (plane) V		FTB dB	Gain dB	Dimensions						Weight		Wind Load mph	Return Loss dB	VSWR	
									Height		Width		Depth							
									in	mm	in	mm	in	mm	lbs.	kg				
698-900 MHz																				
SCW 6014	60°	18°	86°	24°	104°	29°	30	14	48	1219	9	229	10	254	19.5	8.84	150	20	1.22	
SCW 6016	61°	9°	85°	12°	103°	15°	30	16	92	2337	9	229	10	254	32.5	14.8	150	20	1.22	
SCW9012	82°	17°	117°	23°	143°	29°	30	12	48	1219	7	178	11.5	292	13	5.9	150	20	1.22	
SCW 9014	87°	10°	119°	12°	146°	15°	30	14	92	2337	7	178	11.5	292	26	11.83	150	20	1.22	
SCW 2x6014	2x60°	2x18°	2x86°	2x24°	2x104°	2x29°	30	2x14	92	2337	9	229	10	254	32.5	14.8	150	20	1.22	
SCW 2x9012	2x82°	2x17°	2x117°	2x23°	2x143°	2x29°	30	2x12	92	2337	7	178	11.5	292	26	11.83	150	20	1.22	
SLXW 5512	51°	28°	72°	39°	88°	47°	30	12	56	1422	14	356	9	229	25	11.3	150	20	1.22	
SLXW 5514	52°	19°	73°	27°	89°	33°	30	14	80	2032	14	356	9	229	36	16.3	150	20	1.22	
800-960 MHz																				
SC 4015 rev2	46°	25°	59°	33°	73°	37°	30	15	43	1092	16.5	419	12.5	317	20	9.07	150	20	1.22	
SC-E 6014 rev2	55°	16°	77°	23°	94°	33°	30	14	43	1092	8.5	216	8	203	15	6.8	150	20	1.22	
SC-E 6016 rev2	56°	8°	77°	11°	94°	13°	30	16	86	2188	8.5	216	8	203	25	11.34	150	20	1.22	
SC 9012 rev2	88°	16°	122°	22°	148°	27°	30	12	43	1092	6.5	165	8	203	10	4.54	150	20	1.22	
SC 9014 rev2	84°	8°	118°	11°	144°	14°	30	14	86	2184	6.5	165	8	203	20	9.1	150	20	1.22	
SC 10011	96°	18°	133°	25°	163°	30°	28	11	43	1092	6.5	165	8	203	10	4.54	150	20	1.22	
SC 10013	100°	9°	139°	12°	168°	15°	28	13	86	2184	6.5	165	8	203	20	9.07	150	20	1.22	
SC-E 2x6014 rev2	2x55°	2x16°	2x77°	2x23°	2x94°	2x33°	30	2x14	86	2184	8.5	216	8	203	25	11.34	150	20	1.22	
SC 2x9012	2x88°	2x16°	2x122°	2x22°	2x148°	2x27°	30	2x12	86	2184	6.5	165	8	203	20	9.07	150	20	1.22	
1850-1990 MHz																				
SP-E 5014	50°	17°	71°	23°	86°	28°	30	14	23	854	6.5	165	5.13	130	5	2.3	150	20	1.22	
SP-E 5017	52°	9°	74°	11°	90°	20°	30	17	46	1168	7.25	184	5.13	130	11	5	150	20	1.22	
SP-E 5017 T4	51°	7°	71°	11°	87°	13°	30	17	46	1168	7.25	184	5.13	130	11	5	150	20	1.22	
SP-E 8515	85°	9°	109°	10°	131°	20°	30	15	42	1067	4.75	121	5.25	133	6	2.72	150	20	1.22	
SP-E 8515 T2	80°	7°	111°	11°	133°	13°	30	15	42	1067	4.75	121	5.25	133	6	2.72	150	20	1.22	
SP-E 8515 T4	78°	8°	108°	10°	130°	12°	30	15	42	1067	4.75	121	5.25	133	6	2.72	150	20	1.22	
SPX 3016 (+/- 45)	31/30°	17/17°	43/42°	23/23°	52/52°	27/27°	30	16	43	1092	12.5	318	5.5	140	15	6.8	150	20	1.22	
SPX 5014 (+/- 45)	46/47°	17/16°	66/66°	24/24°	80/79°	28/28°	30	14	46	1168	7.25	184	5.13	130	11	5	150	20	1.22	
SPO 9	360°	8°	<i>omni directional</i>					30	9	50	1270	6.1	155	<i>cylinder</i>		6	4.54	150	18	1.28



Antenna Model	3 dB point H (plane) V	6 dB point H (plane) V	9 dB point H (plane) V	FTB dB	Gain dB	Dimensions						Weight		Wind Load mph	Return Loss dB	VSWR			
						Height		Width		Depth		lbs.	kg						
						in	mm	in	mm	in	mm								
1710-2170 MHz																			
SPW 5017	<i>Currently in development</i>																		
SPW 8515	<i>Currently in development</i>																		
SPXW 8515	<i>Currently in development</i>																		
SPXW 8515 T4 (+/-)	84/86°	7/8°	107/111°	11/10°	128/130°	12/12°	30	15	46	1168	7.25	184	6	152	12	5.5	150	20	1.22
Multi-band 800-960 / 1850-1990 MHz																			
SCP 9012 / 8515 rev2	89/84°	16/7°	118/105°	22/10°	149/122°	26/15°	30/30	12/15	43	1092	8.5	216	8	203	15	6.8	150	20	1.22
SCP 9012 T4 / 8515	82/84°	16/7°	116/105°	18/9°	143/122°	19/15°	30/30	12/15	43	1092	8.5	216	8	203	15	6.8	150	20	1.22
SCP 9014 / 2x8515	85/2x84°	8/2x7°	117/2x106°	11/2x10°	142/2x122°	14/2x13°	30/2x30	14/2x15	86	2188	8.5	216	8	203	25	11.3	150	20	1.22
LSCP 6014 / 5017 rev2	55/55°	17/8°	77/76°	23/11°	94/93°	27/12°	30/30	14/17	86	2188	8.5	216	8	203	25	11.3	150	20	1.22
LSCP 9012 / 8515	89/85°	17/8°	124/119°	23/10°	149/147°	28/12°	30/30	12/15	86	2188	6.5	165	8	203	20	9.1	150	20	1.22
LSCP 9012 T2 / 8515	90/86°	17/8°	122/119°	22/10°	149/147°	26/13°	30/30	12/15	86	2188	6.5	165	8	203	20	9.1	150	20	1.22
LSCP 9012 T4 / 8515	82/85°	16/8°	116/119°	21/10°	141/147°	27/13°	30/30	12/15	86	2188	6.5	165	8	203	20	9.1	150	20	1.22
Multi-band 698-900 / 1710-2170 MHz																			
LSCPW 6014 / 5017	<i>Currently in development</i>																		
LSCPW 9012 / 8515	<i>Currently in development</i>																		
CP Antennas																			
SCCP 2x6016 (800-900 MHz)	2x53°	2x13°	2x74°	2x18°	2x90°	2x21°	25	2x16	58.3	1480	12.1	308	9.75	248	20	9	150	18	1.28
H-SCCP 2x6016 (900-960 MHz)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
SPCP 2x6516 (1850-1990 MHz)	2x58°	2x11°	2x85°	2x15°	2x108°	2x18°	25	2x16	59	1498	8.5	216	5.5	140	20	9	150	18	1.28
900-930 and 2400-2700 MHz																			
SR 7008	<i>Indoor RFID - Dual Circularly Polar</i>																		
SIW 5015	50°	18°	66°	24°	83°	30°	25	15	20	508	7.25	184	4.5	114	5	2.27	150	20	1.22
SI 8016	78°	7°	124°	11°	152°	12°	25	16	42	1067	4.5	114	4.25	108	16	7.3	150	20	1.22