



# Doty Surface Coils



Field <b>11.7 T</b>		$^1\text{H}$ <b>500 MHz</b>			Prices are domestic US prices. Foreign prices are higher, plus taxes.*			
Part # SC (Surface coil), $^1\text{H}$ Freq, - diameter-, 1 =Single tuned or 2 =double-tuned, Nuclide, Detuning								
Loop Detuning Type: T = Transmit-receive; P =Passive detuning; A = Active detuning								
Nuclide	Loop Freq MHz	dia mm	Coil type	Loop Detuning Type	Std. Cable lgh, m	Loop 10-W pw90 $\mu\text{s}$	DSI Part #	Price Each, US\$
1H	500.0	8	loop	T	1.23	10.1	SC500-08-1HT	2160
1H	500.0	8	loop	P	1.23	-	SC500-08-1HP	2652
1H	500.0	8	loop	A	1.23	10.1	SC500-08-1HA	3144
1H	500.0	12	loop	T	1.23	18.5	SC500-12-1HT	2880
1H	500.0	12	loop	P	1.23	-	SC500-12-1HP	3408
1H	500.0	12	loop	A	1.23	18.5	SC500-12-1HA	3936
1H	500.0	16	loop	T	1.23	32.3	SC500-16-1HT	3120
1H	500.0	16	loop	P	1.23	-	SC500-16-1HP	3684
1H	500.0	16	loop	A	1.23	32.3	SC500-16-1HA	4248
1H	500.0	20	loop	T	1.23	54.9	SC500-20-1HT	3360
1H	500.0	20	loop	P	1.23	-	SC500-20-1HP	3960
1H	500.0	20	loop	A	1.23	54.9	SC500-20-1HA	4560
1H	500.0	24	loop	T	1.23	89.1	SC500-24-1HT	3600
1H	500.0	24	loop	P	1.23	-	SC500-24-1HP	4236
1H	500.0	24	loop	A	1.23	89.1	SC500-24-1HA	4872
19F	469.7	8	loop	T	1.05	10.5	SC500-08-1FT	2611
19F	469.7	8	loop	P	1.05	-	SC500-08-1FP	3080
19F	469.7	8	loop	A	1.05	10.5	SC500-08-1FA	3550
19F	469.7	12	loop	T	1.05	18.5	SC500-12-1FT	2836
19F	469.7	12	loop	P	1.05	-	SC500-12-1FP	3340
19F	469.7	12	loop	A	1.05	18.5	SC500-12-1FA	3843
19F	469.7	16	loop	T	1.05	32.9	SC500-16-1FT	3542
19F	469.7	16	loop	P	1.05	-	SC500-16-1FP	4079
19F	469.7	16	loop	A	1.05	32.9	SC500-16-1FA	4616
19F	469.7	20	loop	T	1.05	55.4	SC500-20-1FT	3767
19F	469.7	20	loop	P	1.05	-	SC500-20-1FP	4338
19F	469.7	20	loop	A	1.05	55.4	SC500-20-1FA	4909
19F	469.7	24	loop	T	1.05	89.4	SC500-24-1FT	3993
19F	469.7	24	loop	P	1.05	-	SC500-24-1FP	4598
19F	469.7	24	loop	A	1.05	89.4	SC500-24-1FA	5202
31P	202.2	8	loop	T	1.22	18.7	SC500-08-1PT	1874
31P	202.2	8	loop	P	1.22	-	SC500-08-1PP	2145
31P	202.2	8	loop	A	1.22	18.7	SC500-08-1PA	2415
31P	202.2	12	loop	T	1.22	30.0	SC500-12-1PT	1971
31P	202.2	12	loop	P	1.22	-	SC500-12-1PP	2256
31P	202.2	12	loop	A	1.22	30.0	SC500-12-1PA	2541



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31P	202.2	16	loop	T	1.22	44.9	SC500-16-1PT	2068
31P	202.2	16	loop	P	1.22	-	SC500-16-1PP	2368
31P	202.2	16	loop	A	1.22	44.9	SC500-16-1PA	2667
31P	202.2	20	loop	T	1.22	66.7	SC500-20-1PT	2165
31P	202.2	20	loop	P	1.22	-	SC500-20-1PP	2479
31P	202.2	20	loop	A	1.22	66.7	SC500-20-1PA	2794
31P	202.2	24	loop	T	1.22	98.7	SC500-24-1PT	2262
31P	202.2	24	loop	P	1.22	-	SC500-24-1PP	2591
31P	202.2	24	loop	A	1.22	98.7	SC500-24-1PA	2920
13C	125.6	8	loop	T	1.96	26.4	SC500-08-1CT	1801
13C	125.6	8	loop	P	1.96	-	SC500-08-1CP	2014
13C	125.6	8	loop	A	1.96	26.4	SC500-08-1CA	2227
13C	125.6	12	loop	T	1.96	41.1	SC500-12-1CT	1861
13C	125.6	12	loop	P	1.96	-	SC500-12-1CP	2083
13C	125.6	12	loop	A	1.96	41.1	SC500-12-1CA	2306
13C	125.6	16	loop	T	1.96	58.7	SC500-16-1CT	1921
13C	125.6	16	loop	P	1.96	-	SC500-16-1CP	2153
13C	125.6	16	loop	A	1.96	58.7	SC500-16-1CA	2384
13C	125.6	20	loop	T	1.96	81.7	SC500-20-1CT	1981
13C	125.6	20	loop	P	1.96	-	SC500-20-1CP	2222
13C	125.6	20	loop	A	1.96	81.7	SC500-20-1CA	2463
13C	125.6	24	loop	T	1.96	113.4	SC500-24-1CT	2042
13C	125.6	24	loop	P	1.96	-	SC500-24-1CP	2291
13C	125.6	24	loop	A	1.96	113.4	SC500-24-1CA	2541
19F/1H	469.7	8	Dual	T	1.05	10.5	SC500-08-2FT	3527
19F/1H	469.7	8	Dual	P	1.05	-	SC500-08-2FP	3997
19F/1H	469.7	8	Dual	A	1.05	10.5	SC500-08-2FA	4466
19F/1H	469.7	12	Dual	T	1.05	18.5	SC500-12-2FT	4091
19F/1H	469.7	12	Dual	P	1.05	-	SC500-12-2FP	4594
19F/1H	469.7	12	Dual	A	1.05	18.5	SC500-12-2FA	5098
19F/1H	469.7	16	Dual	T	1.05	32.9	SC500-16-2FT	5135
19F/1H	469.7	16	Dual	P	1.05	-	SC500-16-2FP	5672
19F/1H	469.7	16	Dual	A	1.05	32.9	SC500-16-2FA	6209
19F/1H	469.7	20	Dual	T	1.05	55.4	SC500-20-2FT	5698
19F/1H	469.7	20	Dual	P	1.05	-	SC500-20-2FP	6269
19F/1H	469.7	20	Dual	A	1.05	55.4	SC500-20-2FA	6840
19F/1H	469.7	24	Dual	T	1.05	89.4	SC500-24-2FT	6262
19F/1H	469.7	24	Dual	P	1.05	-	SC500-24-2FP	6867
19F/1H	469.7	24	Dual	A	1.05	89.4	SC500-24-2FA	7472



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31P / 1H	202.2	8	Dual	T	1.22	18.8	SC500-08-2PT	3271
31P / 1H	202.2	8	Dual	P	1.22	-	SC500-08-2PP	3541
31P / 1H	202.2	8	Dual	A	1.22	18.8	SC500-08-2PA	3811
31P / 1H	202.2	12	Dual	T	1.22	30.0	SC500-12-2PT	3706
31P / 1H	202.2	12	Dual	P	1.22	-	SC500-12-2PP	3991
31P / 1H	202.2	12	Dual	A	1.22	30.0	SC500-12-2PA	4276
31P / 1H	202.2	16	Dual	T	1.22	44.9	SC500-16-2PT	4141
31P / 1H	202.2	16	Dual	P	1.22	-	SC500-16-2PP	4441
31P / 1H	202.2	16	Dual	A	1.22	44.9	SC500-16-2PA	4740
31P / 1H	202.2	20	Dual	T	1.22	66.7	SC500-20-2PT	4576
31P / 1H	202.2	20	Dual	P	1.22	-	SC500-20-2PP	4891
31P / 1H	202.2	20	Dual	A	1.22	66.7	SC500-20-2PA	5205
31P / 1H	202.2	24	Dual	T	1.22	98.7	SC500-24-2PT	5012
31P / 1H	202.2	24	Dual	P	1.22	-	SC500-24-2PP	5340
31P / 1H	202.2	24	Dual	A	1.22	98.7	SC500-24-2PA	5669
13C / 1H	125.6	8	Dual	T	1.96	26.4	SC500-08-2CT	3197
13C / 1H	125.6	8	Dual	P	1.96	-	SC500-08-2CP	3410
13C / 1H	125.6	8	Dual	A	1.96	26.4	SC500-08-2CA	3624
13C / 1H	125.6	12	Dual	T	1.96	41.1	SC500-12-2CT	3595
13C / 1H	125.6	12	Dual	P	1.96	-	SC500-12-2CP	3818
13C / 1H	125.6	12	Dual	A	1.96	41.1	SC500-12-2CA	4040
13C / 1H	125.6	16	Dual	T	1.96	58.7	SC500-16-2CT	3994
13C / 1H	125.6	16	Dual	P	1.96	-	SC500-16-2CP	4226
13C / 1H	125.6	16	Dual	A	1.96	58.7	SC500-16-2CA	4457
13C / 1H	125.6	20	Dual	T	1.96	81.7	SC500-20-2CT	4392
13C / 1H	125.6	20	Dual	P	1.96	-	SC500-20-2CP	4633
13C / 1H	125.6	20	Dual	A	1.96	81.7	SC500-20-2CA	4874
13C / 1H	125.6	24	Dual	T	1.96	113.4	SC500-24-2CT	4791
13C / 1H	125.6	24	Dual	P	1.96	-	SC500-24-2CP	5041
13C / 1H	125.6	24	Dual	A	1.96	113.4	SC500-24-2CA	5290

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