



# Doty Surface Coils



Field <b>4.7 T</b>		<sup>1</sup> H <b>200 MHz</b>			Prices are domestic US prices. Foreign prices are higher, plus taxes.*			
Part # SC (Surface coil), <sup>1</sup> 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 μs	DSI Part #	Price Each, US\$
1H	200.0	8	loop	T	1.23	7.6	SC200-08-1HT	1872
1H	200.0	8	loop	P	1.23	-	SC200-08-1HP	2141
1H	200.0	8	loop	A	1.23	7.6	SC200-08-1HA	2410
1H	200.0	12	loop	T	1.23	12.1	SC200-12-1HT	1968
1H	200.0	12	loop	P	1.23	-	SC200-12-1HP	2251
1H	200.0	12	loop	A	1.23	12.1	SC200-12-1HA	2534
1H	200.0	16	loop	T	1.23	18.1	SC200-16-1HT	2064
1H	200.0	16	loop	P	1.23	-	SC200-16-1HP	2362
1H	200.0	16	loop	A	1.23	18.1	SC200-16-1HA	2659
1H	200.0	20	loop	T	1.23	26.8	SC200-20-1HT	2160
1H	200.0	20	loop	P	1.23	-	SC200-20-1HP	2472
1H	200.0	20	loop	A	1.23	26.8	SC200-20-1HA	2784
1H	200.0	24	loop	T	1.23	39.6	SC200-24-1HT	2256
1H	200.0	24	loop	P	1.23	-	SC200-24-1HP	2582
1H	200.0	24	loop	A	1.23	39.6	SC200-24-1HA	2909
19F	187.9	8	loop	T	1.31	7.9	SC200-08-1FT	2340
19F	187.9	8	loop	P	1.31	-	SC200-08-1FP	2600
19F	187.9	8	loop	A	1.31	7.9	SC200-08-1FA	2860
19F	187.9	12	loop	T	1.31	12.6	SC200-12-1FT	2431
19F	187.9	12	loop	P	1.31	-	SC200-12-1FP	2704
19F	187.9	12	loop	A	1.31	12.6	SC200-12-1FA	2977
19F	187.9	16	loop	T	1.31	18.7	SC200-16-1FT	2521
19F	187.9	16	loop	P	1.31	-	SC200-16-1FP	2808
19F	187.9	16	loop	A	1.31	18.7	SC200-16-1FA	3094
19F	187.9	20	loop	T	1.31	27.4	SC200-20-1FT	2611
19F	187.9	20	loop	P	1.31	-	SC200-20-1FP	2911
19F	187.9	20	loop	A	1.31	27.4	SC200-20-1FA	3212
19F	187.9	24	loop	T	1.31	40.2	SC200-24-1FT	2701
19F	187.9	24	loop	P	1.31	-	SC200-24-1FP	3015
19F	187.9	24	loop	A	1.31	40.2	SC200-24-1FA	3329
31P	80.9	8	loop	T	1.52	14.5	SC200-08-1PT	1758
31P	80.9	8	loop	P	1.52	-	SC200-08-1PP	1938
31P	80.9	8	loop	A	1.52	14.5	SC200-08-1PA	2118
31P	80.9	12	loop	T	1.52	22.4	SC200-12-1PT	1796
31P	80.9	12	loop	P	1.52	-	SC200-12-1PP	1982
31P	80.9	12	loop	A	1.52	22.4	SC200-12-1PA	2168



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31P	80.9	16	loop	T	1.52	31.1	SC200-16-1PT	1835
31P	80.9	16	loop	P	1.52	-	SC200-16-1PP	2027
31P	80.9	16	loop	A	1.52	31.1	SC200-16-1PA	2219
31P	80.9	20	loop	T	1.52	41.5	SC200-20-1PT	1874
31P	80.9	20	loop	P	1.52	-	SC200-20-1PP	2072
31P	80.9	20	loop	A	1.52	41.5	SC200-20-1PA	2269
31P	80.9	24	loop	T	1.52	54.7	SC200-24-1PT	1913
31P	80.9	24	loop	P	1.52	-	SC200-24-1PP	2116
31P	80.9	24	loop	A	1.52	54.7	SC200-24-1PA	2320
13C	50.2	8	loop	T	2.45	20.6	SC200-08-1CT	1728
13C	50.2	8	loop	P	2.45	-	SC200-08-1CP	1886
13C	50.2	8	loop	A	2.45	20.6	SC200-08-1CA	2043
13C	50.2	12	loop	T	2.45	31.4	SC200-12-1CT	1752
13C	50.2	12	loop	P	2.45	-	SC200-12-1CP	1913
13C	50.2	12	loop	A	2.45	31.4	SC200-12-1CA	2074
13C	50.2	16	loop	T	2.45	43.0	SC200-16-1CT	1776
13C	50.2	16	loop	P	2.45	-	SC200-16-1CP	1941
13C	50.2	16	loop	A	2.45	43.0	SC200-16-1CA	2106
13C	50.2	20	loop	T	2.45	55.8	SC200-20-1CT	1801
13C	50.2	20	loop	P	2.45	-	SC200-20-1CP	1969
13C	50.2	20	loop	A	2.45	55.8	SC200-20-1CA	2137
13C	50.2	24	loop	T	2.45	70.8	SC200-24-1CT	1825
13C	50.2	24	loop	P	2.45	-	SC200-24-1CP	1997
13C	50.2	24	loop	A	2.45	70.8	SC200-24-1CA	2168
19F/1H	187.9	8	Dual	T	1.31	7.9	SC200-08-2FT	2851
19F/1H	187.9	8	Dual	P	1.31	-	SC200-08-2FP	3111
19F/1H	187.9	8	Dual	A	1.31	7.9	SC200-08-2FA	3371
19F/1H	187.9	12	Dual	T	1.31	12.6	SC200-12-2FT	3076
19F/1H	187.9	12	Dual	P	1.31	-	SC200-12-2FP	3350
19F/1H	187.9	12	Dual	A	1.31	12.6	SC200-12-2FA	3623
19F/1H	187.9	16	Dual	T	1.31	18.7	SC200-16-2FT	3302
19F/1H	187.9	16	Dual	P	1.31	-	SC200-16-2FP	3589
19F/1H	187.9	16	Dual	A	1.31	18.7	SC200-16-2FA	3876
19F/1H	187.9	20	Dual	T	1.31	27.4	SC200-20-2FT	3527
19F/1H	187.9	20	Dual	P	1.31	-	SC200-20-2FP	3828
19F/1H	187.9	20	Dual	A	1.31	27.4	SC200-20-2FA	4128
19F/1H	187.9	24	Dual	T	1.31	40.2	SC200-24-2FT	3753
19F/1H	187.9	24	Dual	P	1.31	-	SC200-24-2FP	4067
19F/1H	187.9	24	Dual	A	1.31	40.2	SC200-24-2FA	4381



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31P / 1H	80.9	8	Dual	T	1.52	14.5	SC200-08-2PT	2748
31P / 1H	80.9	8	Dual	P	1.52	-	SC200-08-2PP	2928
31P / 1H	80.9	8	Dual	A	1.52	14.5	SC200-08-2PA	3109
31P / 1H	80.9	12	Dual	T	1.52	22.4	SC200-12-2PT	2922
31P / 1H	80.9	12	Dual	P	1.52	-	SC200-12-2PP	3108
31P / 1H	80.9	12	Dual	A	1.52	22.4	SC200-12-2PA	3294
31P / 1H	80.9	16	Dual	T	1.52	31.1	SC200-16-2PT	3096
31P / 1H	80.9	16	Dual	P	1.52	-	SC200-16-2PP	3288
31P / 1H	80.9	16	Dual	A	1.52	31.1	SC200-16-2PA	3480
31P / 1H	80.9	20	Dual	T	1.52	41.5	SC200-20-2PT	3271
31P / 1H	80.9	20	Dual	P	1.52	-	SC200-20-2PP	3468
31P / 1H	80.9	20	Dual	A	1.52	41.5	SC200-20-2PA	3666
31P / 1H	80.9	24	Dual	T	1.52	54.7	SC200-24-2PT	3445
31P / 1H	80.9	24	Dual	P	1.52	-	SC200-24-2PP	3648
31P / 1H	80.9	24	Dual	A	1.52	54.7	SC200-24-2PA	3852
13C / 1H	50.2	8	Dual	T	2.45	20.6	SC200-08-2CT	2719
13C / 1H	50.2	8	Dual	P	2.45	-	SC200-08-2CP	2876
13C / 1H	50.2	8	Dual	A	2.45	20.6	SC200-08-2CA	3034
13C / 1H	50.2	12	Dual	T	2.45	31.4	SC200-12-2CT	2878
13C / 1H	50.2	12	Dual	P	2.45	-	SC200-12-2CP	3039
13C / 1H	50.2	12	Dual	A	2.45	31.4	SC200-12-2CA	3200
13C / 1H	50.2	16	Dual	T	2.45	43.0	SC200-16-2CT	3038
13C / 1H	50.2	16	Dual	P	2.45	-	SC200-16-2CP	3202
13C / 1H	50.2	16	Dual	A	2.45	43.0	SC200-16-2CA	3367
13C / 1H	50.2	20	Dual	T	2.45	55.8	SC200-20-2CT	3197
13C / 1H	50.2	20	Dual	P	2.45	-	SC200-20-2CP	3365
13C / 1H	50.2	20	Dual	A	2.45	55.8	SC200-20-2CA	3533
13C / 1H	50.2	24	Dual	T	2.45	70.8	SC200-24-2CT	3356
13C / 1H	50.2	24	Dual	P	2.45	-	SC200-24-2CP	3528
13C / 1H	50.2	24	Dual	A	2.45	70.8	SC200-24-2CA	3700

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