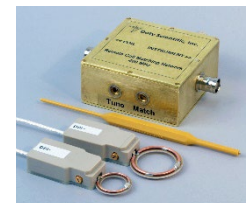




# Doty Surface Coils



<b>Field: 4.7 T</b>	<b><sup>1</sup>H at 200 MHz</b>	<i>Prices are US prices Foreign prices are higher, plus taxes</i>
<b>Part #: SC (surface coil), <sup>1</sup>H Freq, diameter, 1 = Single-tuned or 2 = double-tuned, Nuclide, Detuning</b>		
<b>Loop Detuning Type: T = Transmit-receive; P = Passive detuning; A = Active detuning</b>		

Nuclide	Loop Freq MHz	Diameter mm	Coil Type	Loop Detuning Type	Std. Cable Length, m	Loop 10-W pw90 $\mu$ s	DSI Part #	Price Each, US\$
1H	200	8	loop	T	1.23	7.6	SC200-08-1HT	2532
1H	200	8	loop	P	1.23	-	SC200-08-1HP	2896
1H	200	8	loop	A	1.23	7.6	SC200-08-1HA	3259
1H	200	12	loop	T	1.23	12.1	SC200-12-1HT	2661
1H	200	12	loop	P	1.23	-	SC200-12-1HP	3044
1H	200	12	loop	A	1.23	12.1	SC200-12-1HA	3428
1H	200	16	loop	T	1.23	18.1	SC200-16-1HT	2792
1H	200	16	loop	P	1.23	-	SC200-16-1HP	3194
1H	200	16	loop	A	1.23	18.1	SC200-16-1HA	3596
1H	200	20	loop	T	1.23	26.8	SC200-20-1HT	2921
1H	200	20	loop	P	1.23	-	SC200-20-1HP	3344
1H	200	20	loop	A	1.23	26.8	SC200-20-1HA	3765
1H	200	24	loop	T	1.23	39.6	SC200-24-1HT	3051
1H	200	24	loop	P	1.23	-	SC200-24-1HP	3492
1H	200	24	loop	A	1.23	39.6	SC200-24-1HA	3934
19F	188	8	loop	T	1.31	7.9	SC200-08-1FT	3165
19F	188	8	loop	P	1.31	-	SC200-08-1FP	3516
19F	188	8	loop	A	1.31	7.9	SC200-08-1FA	3868
19F	188	12	loop	T	1.31	12.6	SC200-12-1FT	3287
19F	188	12	loop	P	1.31	-	SC200-12-1FP	3656
19F	188	12	loop	A	1.31	12.6	SC200-12-1FA	4026
19F	188	16	loop	T	1.31	18.7	SC200-16-1FT	3409
19F	188	16	loop	P	1.31	-	SC200-16-1FP	3798
19F	188	16	loop	A	1.31	18.7	SC200-16-1FA	4185
19F	188	20	loop	T	1.31	27.4	SC200-20-1FT	3531
19F	188	20	loop	P	1.31	-	SC200-20-1FP	3938
19F	188	20	loop	A	1.31	27.4	SC200-20-1FA	4343
19F	188	24	loop	T	1.31	40.2	SC200-24-1FT	3653
19F	188	24	loop	P	1.31	-	SC200-24-1FP	4078
19F	188	24	loop	A	1.31	40.2	SC200-24-1FA	4502

Nuclide	Loop Freq MHz	Diameter mm	Coil Type	Loop Detuning Type	Std. Cable Length, m	Loop 10-W pw90 $\mu$ s	DSI Part #	Price Each, US\$
31P	81	8	loop	T	1.52	14.5	SC200-08-1PT	2378
31P	81	8	loop	P	1.52	-	SC200-08-1PP	2620
31P	81	8	loop	A	1.52	14.5	SC200-08-1PA	2864
31P	81	12	loop	T	1.52	22.4	SC200-12-1PT	2429
31P	81	12	loop	P	1.52	-	SC200-12-1PP	2681
31P	81	12	loop	A	1.52	22.4	SC200-12-1PA	2933
31P	81	16	loop	T	1.52	31.1	SC200-16-1PT	2483
31P	81	16	loop	P	1.52	-	SC200-16-1PP	2741
31P	81	16	loop	A	1.52	31.1	SC200-16-1PA	3001
31P	81	20	loop	T	1.52	41.5	SC200-20-1PT	2535
31P	81	20	loop	P	1.52	-	SC200-20-1PP	2801
31P	81	20	loop	A	1.52	41.5	SC200-20-1PA	3069
31P	81	24	loop	T	1.52	54.7	SC200-24-1PT	2588
31P	81	24	loop	P	1.52	-	SC200-24-1PP	2862
31P	81	24	loop	A	1.52	54.7	SC200-24-1PA	3137
13C	50	8	loop	T	2.45	20.6	SC200-08-1CT	2338
13C	50	8	loop	P	2.45	-	SC200-08-1CP	2550
13C	50	8	loop	A	2.45	20.6	SC200-08-1CA	2763
13C	50	12	loop	T	2.45	31.4	SC200-12-1CT	2370
13C	50	12	loop	P	2.45	-	SC200-12-1CP	2588
13C	50	12	loop	A	2.45	31.4	SC200-12-1CA	2805
13C	50	16	loop	T	2.45	43.0	SC200-16-1CT	2403
13C	50	16	loop	P	2.45	-	SC200-16-1CP	2625
13C	50	16	loop	A	2.45	43.0	SC200-16-1CA	2847
13C	50	20	loop	T	2.45	55.8	SC200-20-1CT	2436
13C	50	20	loop	P	2.45	-	SC200-20-1CP	2663
13C	50	20	loop	A	2.45	55.8	SC200-20-1CA	2890
13C	50	24	loop	T	2.45	70.8	SC200-24-1CT	2468
13C	50	24	loop	P	2.45	-	SC200-24-1CP	2700
13C	50	24	loop	A	2.45	70.8	SC200-24-1CA	2933
19F/1H	188	8	Dual	T	1.31	7.9	SC200-08-2FT	3856
19F/1H	188	8	Dual	P	1.31	-	SC200-08-2FP	4207
19F/1H	188	8	Dual	A	1.31	7.9	SC200-08-2FA	4558
19F/1H	188	12	Dual	T	1.31	12.6	SC200-12-2FT	4161
19F/1H	188	12	Dual	P	1.31	-	SC200-12-2FP	4531
19F/1H	188	12	Dual	A	1.31	12.6	SC200-12-2FA	4900
19F/1H	188	16	Dual	T	1.31	18.7	SC200-16-2FT	4465
19F/1H	188	16	Dual	P	1.31	-	SC200-16-2FP	4853

<b>Nuclide</b>	<b>Loop Freq MHz</b>	<b>Diameter mm</b>	<b>Coil Type</b>	<b>Loop Detuning Type</b>	<b>Std. Cable Length, m</b>	<b>Loop 10-W pw90 <math>\mu</math>s</b>	<b>DSI Part #</b>	<b>Price Each, US\$</b>
<b>19F/1H</b>	5242	5242	5242	5242	5242	5242	5242	5242
<b>19F/1H</b>	4771	4771	4771	4771	4771	4771	4771	4771
<b>19F/1H</b>	5177	5177	5177	5177	5177	5177	5177	5177
<b>19F/1H</b>	5583	5583	5583	5583	5583	5583	5583	5583
<b>19F/1H</b>	5075	5075	5075	5075	5075	5075	5075	5075
<b>19F/1H</b>	5500	5500	5500	5500	5500	5500	5500	5500
<b>19F/1H</b>	5924	5924	5924	5924	5924	5924	5924	5924
<b>31P / 1H</b>	3717	3717	3717	3717	3717	3717	3717	3717
<b>31P / 1H</b>	3961	3961	3961	3961	3961	3961	3961	3961
<b>31P / 1H</b>	4205	4205	4205	4205	4205	4205	4205	4205
<b>31P / 1H</b>	3952	3952	3952	3952	3952	3952	3952	3952
<b>31P / 1H</b>	4203	4203	4203	4203	4203	4203	4203	4203
<b>31P / 1H</b>	4456	4456	4456	4456	4456	4456	4456	4456
<b>31P / 1H</b>	4188	4188	4188	4188	4188	4188	4188	4188
<b>31P / 1H</b>	4447	4447	4447	4447	4447	4447	4447	4447
<b>31P / 1H</b>	4707	4707	4707	4707	4707	4707	4707	4707
<b>31P / 1H</b>	4423	4423	4423	4423	4423	4423	4423	4423
<b>31P / 1H</b>	4690	4690	4690	4690	4690	4690	4690	4690
<b>31P / 1H</b>	4958	4958	4958	4958	4958	4958	4958	4958
<b>31P / 1H</b>	4659	4659	4659	4659	4659	4659	4659	4659
<b>31P / 1H</b>	4934	4934	4934	4934	4934	4934	4934	4934
<b>31P / 1H</b>	5209	5209	5209	5209	5209	5209	5209	5209
<b>13C / 1H</b>	3677	3677	3677	3677	3677	3677	3677	3677
<b>13C / 1H</b>	3889	3889	3889	3889	3889	3889	3889	3889
<b>13C / 1H</b>	4103	4103	4103	4103	4103	4103	4103	4103
<b>13C / 1H</b>	3893	3893	3893	3893	3893	3893	3893	3893
<b>13C / 1H</b>	4110	4110	4110	4110	4110	4110	4110	4110
<b>13C / 1H</b>	4328	4328	4328	4328	4328	4328	4328	4328
<b>13C / 1H</b>	4108	4108	4108	4108	4108	4108	4108	4108
<b>13C / 1H</b>	4330	4330	4330	4330	4330	4330	4330	4330
<b>13C / 1H</b>	4553	4553	4553	4553	4553	4553	4553	4553
<b>13C / 1H</b>	4324	4324	4324	4324	4324	4324	4324	4324
<b>13C / 1H</b>	4551	4551	4551	4551	4551	4551	4551	4551
<b>13C / 1H</b>	4778	4778	4778	4778	4778	4778	4778	4778
<b>13C / 1H</b>	4539	4539	4539	4539	4539	4539	4539	4539
<b>13C / 1H</b>	4772	4772	4772	4772	4772	4772	4772	4772
<b>13C / 1H</b>	5004	5004	5004	5004	5004	5004	5004	5004

\* Prices are U.S. domestic prices. Foreign prices higher, plus taxes.