



Doty Surface Coils



Field 9.4 T		¹H 400 MHz			Prices are domestic US prices. Foreign prices are higher, plus taxes.*			
Part # SC (Surface coil), ¹ 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	400.0	8	loop	T	1.23	9.3	SC400-08-1HT	2064
1H	400.0	8	loop	P	1.23	-	SC400-08-1HP	2482
1H	400.0	8	loop	A	1.23	9.3	SC400-08-1HA	2899
1H	400.0	12	loop	T	1.23	16.1	SC400-12-1HT	2256
1H	400.0	12	loop	P	1.23	-	SC400-12-1HP	2702
1H	400.0	12	loop	A	1.23	16.1	SC400-12-1HA	3149
1H	400.0	16	loop	T	1.23	27.6	SC400-16-1HT	2928
1H	400.0	16	loop	P	1.23	-	SC400-16-1HP	3403
1H	400.0	16	loop	A	1.23	27.6	SC400-16-1HA	3878
1H	400.0	20	loop	T	1.23	45.5	SC400-20-1HT	3120
1H	400.0	20	loop	P	1.23	-	SC400-20-1HP	3624
1H	400.0	20	loop	A	1.23	45.5	SC400-20-1HA	4128
1H	400.0	24	loop	T	1.23	72.4	SC400-24-1HT	3312
1H	400.0	24	loop	P	1.23	-	SC400-24-1HP	3845
1H	400.0	24	loop	A	1.23	72.4	SC400-24-1HA	4378
19F	375.8	8	loop	T	1.31	9.7	SC400-08-1FT	2521
19F	375.8	8	loop	P	1.31	-	SC400-08-1FP	2920
19F	375.8	8	loop	A	1.31	9.7	SC400-08-1FA	3320
19F	375.8	12	loop	T	1.31	16.6	SC400-12-1FT	2701
19F	375.8	12	loop	P	1.31	-	SC400-12-1FP	3128
19F	375.8	12	loop	A	1.31	16.6	SC400-12-1FA	3554
19F	375.8	16	loop	T	1.31	28.2	SC400-16-1FT	3362
19F	375.8	16	loop	P	1.31	-	SC400-16-1FP	3815
19F	375.8	16	loop	A	1.31	28.2	SC400-16-1FA	4269
19F	375.8	20	loop	T	1.31	46.0	SC400-20-1FT	3542
19F	375.8	20	loop	P	1.31	-	SC400-20-1FP	4023
19F	375.8	20	loop	A	1.31	46.0	SC400-20-1FA	4503
19F	375.8	24	loop	T	1.31	72.8	SC400-24-1FT	3722
19F	375.8	24	loop	P	1.31	-	SC400-24-1FP	4230
19F	375.8	24	loop	A	1.31	72.8	SC400-24-1FA	4738
31P	161.8	8	loop	T	1.52	17.6	SC400-08-1PT	1835
31P	161.8	8	loop	P	1.52	-	SC400-08-1PP	2076
31P	161.8	8	loop	A	1.52	17.6	SC400-08-1PA	2316
31P	161.8	12	loop	T	1.52	27.7	SC400-12-1PT	1913
31P	161.8	12	loop	P	1.52	-	SC400-12-1PP	2165
31P	161.8	12	loop	A	1.52	27.7	SC400-12-1PA	2417



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31P	161.8	16	loop	T	1.52	40.5	SC400-16-1PT	1991
31P	161.8	16	loop	P	1.52	-	SC400-16-1PP	2254
31P	161.8	16	loop	A	1.52	40.5	SC400-16-1PA	2518
31P	161.8	20	loop	T	1.52	58.2	SC400-20-1PT	2068
31P	161.8	20	loop	P	1.52	-	SC400-20-1PP	2344
31P	161.8	20	loop	A	1.52	58.2	SC400-20-1PA	2619
31P	161.8	24	loop	T	1.52	83.6	SC400-24-1PT	2146
31P	161.8	24	loop	P	1.52	-	SC400-24-1PP	2433
31P	161.8	24	loop	A	1.52	83.6	SC400-24-1PA	2720
13C	100.5	8	loop	T	1.22	24.8	SC400-08-1CT	1776
13C	100.5	8	loop	P	1.22	-	SC400-08-1CP	1971
13C	100.5	8	loop	A	1.22	24.8	SC400-08-1CA	2166
13C	100.5	12	loop	T	1.22	38.4	SC400-12-1CT	1825
13C	100.5	12	loop	P	1.22	-	SC400-12-1CP	2027
13C	100.5	12	loop	A	1.22	38.4	SC400-12-1CA	2229
13C	100.5	16	loop	T	1.22	54.0	SC400-16-1CT	1873
13C	100.5	16	loop	P	1.22	-	SC400-16-1CP	2082
13C	100.5	16	loop	A	1.22	54.0	SC400-16-1CA	2291
13C	100.5	20	loop	T	1.22	73.4	SC400-20-1CT	1921
13C	100.5	20	loop	P	1.22	-	SC400-20-1CP	2138
13C	100.5	20	loop	A	1.22	73.4	SC400-20-1CA	2354
13C	100.5	24	loop	T	1.22	99.0	SC400-24-1CT	1969
13C	100.5	24	loop	P	1.22	-	SC400-24-1CP	2193
13C	100.5	24	loop	A	1.22	99.0	SC400-24-1CA	2417
19F/1H	375.8	8	Dual	T	1.31	9.7	SC400-08-2FT	3302
19F/1H	375.8	8	Dual	P	1.31	-	SC400-08-2FP	3701
19F/1H	375.8	8	Dual	A	1.31	9.7	SC400-08-2FA	4101
19F/1H	375.8	12	Dual	T	1.31	16.6	SC400-12-2FT	3753
19F/1H	375.8	12	Dual	P	1.31	-	SC400-12-2FP	4179
19F/1H	375.8	12	Dual	A	1.31	16.6	SC400-12-2FA	4606
19F/1H	375.8	16	Dual	T	1.31	28.2	SC400-16-2FT	4684
19F/1H	375.8	16	Dual	P	1.31	-	SC400-16-2FP	5137
19F/1H	375.8	16	Dual	A	1.31	28.2	SC400-16-2FA	5591
19F/1H	375.8	20	Dual	T	1.31	46.0	SC400-20-2FT	5135
19F/1H	375.8	20	Dual	P	1.31	-	SC400-20-2FP	5615
19F/1H	375.8	20	Dual	A	1.31	46.0	SC400-20-2FA	6096
19F/1H	375.8	24	Dual	T	1.31	72.8	SC400-24-2FT	5586
19F/1H	375.8	24	Dual	P	1.31	-	SC400-24-2FP	6094
19F/1H	375.8	24	Dual	A	1.31	72.8	SC400-24-2FA	6601



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31P / 1H	161.8	8	Dual	T	1.52	17.6	SC400-08-2PT	3096
31P / 1H	161.8	8	Dual	P	1.52	-	SC400-08-2PP	3337
31P / 1H	161.8	8	Dual	A	1.52	17.6	SC400-08-2PA	3577
31P / 1H	161.8	12	Dual	T	1.52	27.7	SC400-12-2PT	3445
31P / 1H	161.8	12	Dual	P	1.52	-	SC400-12-2PP	3697
31P / 1H	161.8	12	Dual	A	1.52	27.7	SC400-12-2PA	3949
31P / 1H	161.8	16	Dual	T	1.52	40.5	SC400-16-2PT	3793
31P / 1H	161.8	16	Dual	P	1.52	-	SC400-16-2PP	4057
31P / 1H	161.8	16	Dual	A	1.52	40.5	SC400-16-2PA	4320
31P / 1H	161.8	20	Dual	T	1.52	58.2	SC400-20-2PT	4141
31P / 1H	161.8	20	Dual	P	1.52	-	SC400-20-2PP	4416
31P / 1H	161.8	20	Dual	A	1.52	58.2	SC400-20-2PA	4692
31P / 1H	161.8	24	Dual	T	1.52	83.6	SC400-24-2PT	4489
31P / 1H	161.8	24	Dual	P	1.52	-	SC400-24-2PP	4776
31P / 1H	161.8	24	Dual	A	1.52	83.6	SC400-24-2PA	5063
13C / 1H	100.5	8	Dual	T	1.22	24.8	SC400-08-2CT	3038
13C / 1H	100.5	8	Dual	P	1.22	-	SC400-08-2CP	3232
13C / 1H	100.5	8	Dual	A	1.22	24.8	SC400-08-2CA	3427
13C / 1H	100.5	12	Dual	T	1.22	38.4	SC400-12-2CT	3356
13C / 1H	100.5	12	Dual	P	1.22	-	SC400-12-2CP	3558
13C / 1H	100.5	12	Dual	A	1.22	38.4	SC400-12-2CA	3760
13C / 1H	100.5	16	Dual	T	1.22	54.0	SC400-16-2CT	3675
13C / 1H	100.5	16	Dual	P	1.22	-	SC400-16-2CP	3884
13C / 1H	100.5	16	Dual	A	1.22	54.0	SC400-16-2CA	4094
13C / 1H	100.5	20	Dual	T	1.22	73.4	SC400-20-2CT	3994
13C / 1H	100.5	20	Dual	P	1.22	-	SC400-20-2CP	4210
13C / 1H	100.5	20	Dual	A	1.22	73.4	SC400-20-2CA	4427
13C / 1H	100.5	24	Dual	T	1.22	99.0	SC400-24-2CT	4313
13C / 1H	100.5	24	Dual	P	1.22	-	SC400-24-2CP	4536
13C / 1H	100.5	24	Dual	A	1.22	99.0	SC400-24-2CA	4760

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