



Doty Surface Coils



Field: 11.7 T	¹ H at 500 MHz	<i>Prices are US prices Foreign prices are higher, plus taxes</i>
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	Diameter mm	Coil Type	Loop Detuning Type	Std. Cable Length, m	Loop 10-W pw90 μ s	DSI Part #	Price Each, US\$
1H	500	8	loop	T	1.23	10.1	SC500-08-1HT	2921
1H	500	8	loop	P	1.23	-	SC500-08-1HP	3586
1H	500	8	loop	A	1.23	10.1	SC500-08-1HA	4252
1H	500	12	loop	T	1.23	18.5	SC500-12-1HT	3895
1H	500	12	loop	P	1.23	-	SC500-12-1HP	4609
1H	500	12	loop	A	1.23	18.5	SC500-12-1HA	5323
1H	500	16	loop	T	1.23	32.3	SC500-16-1HT	4219
1H	500	16	loop	P	1.23	-	SC500-16-1HP	4982
1H	500	16	loop	A	1.23	32.3	SC500-16-1HA	5745
1H	500	20	loop	T	1.23	54.9	SC500-20-1HT	4544
1H	500	20	loop	P	1.23	-	SC500-20-1HP	5355
1H	500	20	loop	A	1.23	54.9	SC500-20-1HA	6167
1H	500	24	loop	T	1.23	89.1	SC500-24-1HT	4869
1H	500	24	loop	P	1.23	-	SC500-24-1HP	5728
1H	500	24	loop	A	1.23	89.1	SC500-24-1HA	6589
19F	470	8	loop	T	1.05	10.5	SC500-08-1FT	3531
19F	470	8	loop	P	1.05	-	SC500-08-1FP	4166
19F	470	8	loop	A	1.05	10.5	SC500-08-1FA	4801
19F	470	12	loop	T	1.05	18.5	SC500-12-1FT	3836
19F	470	12	loop	P	1.05	-	SC500-12-1FP	4516
19F	470	12	loop	A	1.05	18.5	SC500-12-1FA	5197
19F	470	16	loop	T	1.05	32.9	SC500-16-1FT	4790
19F	470	16	loop	P	1.05	-	SC500-16-1FP	5517
19F	470	16	loop	A	1.05	32.9	SC500-16-1FA	6243
19F	470	20	loop	T	1.05	55.4	SC500-20-1FT	5094
19F	470	20	loop	P	1.05	-	SC500-20-1FP	5867
19F	470	20	loop	A	1.05	55.4	SC500-20-1FA	6639
19F	470	24	loop	T	1.05	89.4	SC500-24-1FT	5400
19F	470	24	loop	P	1.05	-	SC500-24-1FP	6217
19F	470	24	loop	A	1.05	89.4	SC500-24-1FA	7036

Nuclide	Loop Freq MHz	Diameter mm	Coil Type	Loop Detuning Type	Std. Cable Length, m	Loop 10-W pw90 μ s	DSI Part #	Price Each, US\$
31P	202	8	loop	T	1.22	18.7	SC500-08-1PT	2535
31P	202	8	loop	P	1.22	-	SC500-08-1PP	2900
31P	202	8	loop	A	1.22	18.7	SC500-08-1PA	3266
31P	202	12	loop	T	1.22	30.0	SC500-12-1PT	2666
31P	202	12	loop	P	1.22	-	SC500-12-1PP	3051
31P	202	12	loop	A	1.22	30.0	SC500-12-1PA	3437
31P	202	16	loop	T	1.22	44.9	SC500-16-1PT	2797
31P	202	16	loop	P	1.22	-	SC500-16-1PP	3202
31P	202	16	loop	A	1.22	44.9	SC500-16-1PA	3608
31P	202	20	loop	T	1.22	66.7	SC500-20-1PT	2928
31P	202	20	loop	P	1.22	-	SC500-20-1PP	3353
31P	202	20	loop	A	1.22	66.7	SC500-20-1PA	3778
31P	202	24	loop	T	1.22	98.7	SC500-24-1PT	3060
31P	202	24	loop	P	1.22	-	SC500-24-1PP	3504
31P	202	24	loop	A	1.22	98.7	SC500-24-1PA	3949
13C	126	8	loop	T	1.96	26.4	SC500-08-1CT	2436
13C	126	8	loop	P	1.96	-	SC500-08-1CP	2724
13C	126	8	loop	A	1.96	26.4	SC500-08-1CA	3013
13C	126	12	loop	T	1.96	41.1	SC500-12-1CT	2516
13C	126	12	loop	P	1.96	-	SC500-12-1CP	2817
13C	126	12	loop	A	1.96	41.1	SC500-12-1CA	3119
13C	126	16	loop	T	1.96	58.7	SC500-16-1CT	2599
13C	126	16	loop	P	1.96	-	SC500-16-1CP	2911
13C	126	16	loop	A	1.96	58.7	SC500-16-1CA	3224
13C	126	20	loop	T	1.96	81.7	SC500-20-1CT	2679
13C	126	20	loop	P	1.96	-	SC500-20-1CP	3005
13C	126	20	loop	A	1.96	81.7	SC500-20-1CA	3330
13C	126	24	loop	T	1.96	113.4	SC500-24-1CT	2762
13C	126	24	loop	P	1.96	-	SC500-24-1CP	3098
13C	126	24	loop	A	1.96	113.4	SC500-24-1CA	3437
19F/1H	470	8	Dual	T	1.05	10.5	SC500-08-2FT	4771
19F/1H	470	8	Dual	P	1.05	-	SC500-08-2FP	5405
19F/1H	470	8	Dual	A	1.05	10.5	SC500-08-2FA	6040
19F/1H	470	12	Dual	T	1.05	18.5	SC500-12-2FT	5533
19F/1H	470	12	Dual	P	1.05	-	SC500-12-2FP	6214
19F/1H	470	12	Dual	A	1.05	18.5	SC500-12-2FA	6894
19F/1H	470	16	Dual	T	1.05	32.9	SC500-16-2FT	6944
19F/1H	470	16	Dual	P	1.05	-	SC500-16-2FP	7670

Nuclide	Loop Freq MHz	Diameter mm	Coil Type	Loop Detuning Type	Std. Cable Length, m	Loop 10-W pw90 μ s	DSI Part #	Price Each, US\$
19F/1H	470	16	Dual	A	1.05	32.9	SC500-16-2FA	8397
19F/1H	470	20	Dual	T	1.05	55.4	SC500-20-2FT	7706
19F/1H	470	20	Dual	P	1.05	-	SC500-20-2FP	8479
19F/1H	470	20	Dual	A	1.05	55.4	SC500-20-2FA	9251
19F/1H	470	24	Dual	T	1.05	89.4	SC500-24-2FT	8469
19F/1H	470	24	Dual	P	1.05	-	SC500-24-2FP	9287
19F/1H	470	24	Dual	A	1.05	89.4	SC500-24-2FA	10104
31P / 1H	202	8	Dual	T	1.22	18.8	SC500-08-2PT	4423
31P / 1H	202	8	Dual	P	1.22	-	SC500-08-2PP	4789
31P / 1H	202	8	Dual	A	1.22	18.8	SC500-08-2PA	5155
31P / 1H	202	12	Dual	T	1.22	30.0	SC500-12-2PT	5012
31P / 1H	202	12	Dual	P	1.22	-	SC500-12-2PP	5398
31P / 1H	202	12	Dual	A	1.22	30.0	SC500-12-2PA	5783
31P / 1H	202	16	Dual	T	1.22	44.9	SC500-16-2PT	5600
31P / 1H	202	16	Dual	P	1.22	-	SC500-16-2PP	6006
31P / 1H	202	16	Dual	A	1.22	44.9	SC500-16-2PA	6411
31P / 1H	202	20	Dual	T	1.22	66.7	SC500-20-2PT	6190
31P / 1H	202	20	Dual	P	1.22	-	SC500-20-2PP	6613
31P / 1H	202	20	Dual	A	1.22	66.7	SC500-20-2PA	7039
31P / 1H	202	24	Dual	T	1.22	98.7	SC500-24-2PT	6778
31P / 1H	202	24	Dual	P	1.22	-	SC500-24-2PP	7222
31P / 1H	202	24	Dual	A	1.22	98.7	SC500-24-2PA	7666
13C / 1H	126	8	Dual	T	1.96	26.4	SC500-08-2CT	4324
13C / 1H	126	8	Dual	P	1.96	-	SC500-08-2CP	4613
13C / 1H	126	8	Dual	A	1.96	26.4	SC500-08-2CA	4901
13C / 1H	126	12	Dual	T	1.96	41.1	SC500-12-2CT	4863
13C / 1H	126	12	Dual	P	1.96	-	SC500-12-2CP	5163
13C / 1H	126	12	Dual	A	1.96	41.1	SC500-12-2CA	5464
13C / 1H	126	16	Dual	T	1.96	58.7	SC500-16-2CT	5401
13C / 1H	126	16	Dual	P	1.96	-	SC500-16-2CP	5715
13C / 1H	126	16	Dual	A	1.96	58.7	SC500-16-2CA	6028
13C / 1H	126	20	Dual	T	1.96	81.7	SC500-20-2CT	5941
13C / 1H	126	20	Dual	P	1.96	-	SC500-20-2CP	6266
13C / 1H	126	20	Dual	A	1.96	81.7	SC500-20-2CA	6591
13C / 1H	126	24	Dual	T	1.96	113.4	SC500-24-2CT	6479
13C / 1H	126	24	Dual	P	1.96	-	SC500-24-2CP	6816
13C / 1H	126	24	Dual	A	1.96	113.4	SC500-24-2CA	7154

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