



Doty Surface Coils



Field: 7T	¹H at 300 MHz	Prices are US prices Foreign prices are higher, plus taxes
Part #: SC (surface coil), ¹H 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	300	8	loop	T	1.23	8.5	SC300-08-1HT	2661
1H	300	8	loop	P	1.23	-	SC300-08-1HP	3126
1H	300	8	loop	A	1.23	8.5	SC300-08-1HA	3590
1H	300	12	loop	T	1.23	14.1	SC300-12-1HT	2856
1H	300	12	loop	P	1.23	-	SC300-12-1HP	3350
1H	300	12	loop	A	1.23	14.1	SC300-12-1HA	3843
1H	300	16	loop	T	1.23	22.5	SC300-16-1HT	3051
1H	300	16	loop	P	1.23	-	SC300-16-1HP	3573
1H	300	16	loop	A	1.23	22.5	SC300-16-1HA	4096
1H	300	20	loop	T	1.23	36.3	SC300-20-1HT	3895
1H	300	20	loop	P	1.23	-	SC300-20-1HP	4447
1H	300	20	loop	A	1.23	36.3	SC300-20-1HA	4999
1H	300	24	loop	T	1.23	56.0	SC300-24-1HT	4090
1H	300	24	loop	P	1.23	-	SC300-24-1HP	4671
1H	300	24	loop	A	1.23	56.0	SC300-24-1HA	5251
19F	282	8	loop	T	1.31	8.9	SC300-08-1FT	3287
19F	282	8	loop	P	1.31	-	SC300-08-1FP	3732
19F	282	8	loop	A	1.31	8.9	SC300-08-1FA	4179
19F	282	12	loop	T	1.31	14.6	SC300-12-1FT	3470
19F	282	12	loop	P	1.31	-	SC300-12-1FP	3944
19F	282	12	loop	A	1.31	14.6	SC300-12-1FA	4417
19F	282	16	loop	T	1.31	23.1	SC300-16-1FT	3653
19F	282	16	loop	P	1.31	-	SC300-16-1FP	4154
19F	282	16	loop	A	1.31	23.1	SC300-16-1FA	4655
19F	282	20	loop	T	1.31	36.2	SC300-20-1FT	3836
19F	282	20	loop	P	1.31	-	SC300-20-1FP	4364
19F	282	20	loop	A	1.31	36.2	SC300-20-1FA	4893
19F	282	24	loop	T	1.31	56.6	SC300-24-1FT	4668
19F	282	24	loop	P	1.31	-	SC300-24-1FP	5224
19F	282	24	loop	A	1.31	56.6	SC300-24-1FA	5779

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	121	8	loop	T	1.01	16.2	SC300-08-1PT	2429
31P	121	8	loop	P	1.01	-	SC300-08-1PP	2714
31P	121	8	loop	A	1.01	16.2	SC300-08-1PA	2998
31P	121	12	loop	T	1.01	25.3	SC300-12-1PT	2508
31P	121	12	loop	P	1.01	-	SC300-12-1PP	2805
31P	121	12	loop	A	1.01	25.3	SC300-12-1PA	3101
31P	121	16	loop	T	1.01	36.0	SC300-16-1PT	2588
31P	121	16	loop	P	1.01	-	SC300-16-1PP	2896
31P	121	16	loop	A	1.01	36.0	SC300-16-1PA	3203
31P	121	20	loop	T	1.01	49.9	SC300-20-1PT	2666
31P	121	20	loop	P	1.01	-	SC300-20-1PP	2986
31P	121	20	loop	A	1.01	49.9	SC300-20-1PA	3305
31P	121	24	loop	T	1.01	68.9	SC300-24-1PT	2745
31P	121	24	loop	P	1.01	-	SC300-24-1PP	3077
31P	121	24	loop	A	1.01	68.9	SC300-24-1PA	3408
13C	75	8	loop	T	1.63	22.9	SC300-08-1CT	2370
13C	75	8	loop	P	1.63	-	SC300-08-1CP	2608
13C	75	8	loop	A	1.63	22.9	SC300-08-1CA	2846
13C	75	12	loop	T	1.63	35.3	SC300-12-1CT	2419
13C	75	12	loop	P	1.63	-	SC300-12-1CP	2664
13C	75	12	loop	A	1.63	35.3	SC300-12-1CA	2910
13C	75	16	loop	T	1.63	48.9	SC300-16-1CT	2468
13C	75	16	loop	P	1.63	-	SC300-16-1CP	2720
13C	75	16	loop	A	1.63	48.9	SC300-16-1CA	2973
13C	75	20	loop	T	1.63	64.9	SC300-20-1CT	2516
13C	75	20	loop	P	1.63	-	SC300-20-1CP	2777
13C	75	20	loop	A	1.63	64.9	SC300-20-1CA	3037
13C	75	24	loop	T	1.63	84.9	SC300-24-1CT	2566
13C	75	24	loop	P	1.63	-	SC300-24-1CP	2833
13C	75	24	loop	A	1.63	84.9	SC300-24-1CA	3101
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19F/1H	282	8	Dual	T	1.31	8.9	SC300-08-2FT	4161
19F/1H	282	8	Dual	P	1.31	-	SC300-08-2FP	4607
19F/1H	282	8	Dual	A	1.31	8.9	SC300-08-2FA	5052
19F/1H	282	12	Dual	T	1.31	14.6	SC300-12-2FT	4617
19F/1H	282	12	Dual	P	1.31	-	SC300-12-2FP	5091
19F/1H	282	12	Dual	A	1.31	14.6	SC300-12-2FA	5564
19F/1H	282	16	Dual	T	1.31	23.1	SC300-16-2FT	5075
19F/1H	282	16	Dual	P	1.31	-	SC300-16-2FP	5576

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	282	16	Dual	A	1.31	23.1	SC300-16-2FA	6077
19F/1H	282	20	Dual	T	1.31	36.2	SC300-20-2FT	5533
19F/1H	282	20	Dual	P	1.31	-	SC300-20-2FP	6060
19F/1H	282	20	Dual	A	1.31	36.2	SC300-20-2FA	6589
19F/1H	282	24	Dual	T	1.31	56.6	SC300-24-2FT	6639
19F/1H	282	24	Dual	P	1.31	-	SC300-24-2FP	7195
19F/1H	282	24	Dual	A	1.31	56.6	SC300-24-2FA	7751
31P / 1H	121	8	Dual	T	1.01	16.2	SC300-08-2PT	3952
31P / 1H	121	8	Dual	P	1.01	-	SC300-08-2PP	4237
31P / 1H	121	8	Dual	A	1.01	16.2	SC300-08-2PA	4521
31P / 1H	121	12	Dual	T	1.01	25.3	SC300-12-2PT	4306
31P / 1H	121	12	Dual	P	1.01	-	SC300-12-2PP	4601
31P / 1H	121	12	Dual	A	1.01	25.3	SC300-12-2PA	4898
31P / 1H	121	16	Dual	T	1.01	36.0	SC300-16-2PT	4659
31P / 1H	121	16	Dual	P	1.01	-	SC300-16-2PP	4966
31P / 1H	121	16	Dual	A	1.01	36.0	SC300-16-2PA	5274
31P / 1H	121	20	Dual	T	1.01	49.9	SC300-20-2PT	5012
31P / 1H	121	20	Dual	P	1.01	-	SC300-20-2PP	5331
31P / 1H	121	20	Dual	A	1.01	49.9	SC300-20-2PA	5651
31P / 1H	121	24	Dual	T	1.01	68.9	SC300-24-2PT	5365
31P / 1H	121	24	Dual	P	1.01	-	SC300-24-2PP	5697
31P / 1H	121	24	Dual	A	1.01	68.9	SC300-24-2PA	6028
13C / 1H	75	8	Dual	T	1.63	22.9	SC300-08-2CT	3893
13C / 1H	75	8	Dual	P	1.63	-	SC300-08-2CP	4131
13C / 1H	75	8	Dual	A	1.63	22.9	SC300-08-2CA	4369
13C / 1H	75	12	Dual	T	1.63	35.3	SC300-12-2CT	4215
13C / 1H	75	12	Dual	P	1.63	-	SC300-12-2CP	4462
13C / 1H	75	12	Dual	A	1.63	35.3	SC300-12-2CA	4707
13C / 1H	75	16	Dual	T	1.63	48.9	SC300-16-2CT	4539
13C / 1H	75	16	Dual	P	1.63	-	SC300-16-2CP	4793
13C / 1H	75	16	Dual	A	1.63	48.9	SC300-16-2CA	5045
13C / 1H	75	20	Dual	T	1.63	64.9	SC300-20-2CT	4863
13C / 1H	75	20	Dual	P	1.63	-	SC300-20-2CP	5122
13C / 1H	75	20	Dual	A	1.63	64.9	SC300-20-2CA	5383
13C / 1H	75	24	Dual	T	1.63	84.9	SC300-24-2CT	5186
13C / 1H	75	24	Dual	P	1.63	-	SC300-24-2CP	5453
13C / 1H	75	24	Dual	A	1.63	84.9	SC300-24-2CA	5721

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