



Doty Surface Coils



Field: 9.4T	¹ H at 400 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	400	8	loop	T	1.23	9.3	SC400-08-1HT	2792
1H	400	8	loop	P	1.23	-	SC400-08-1HP	3356
1H	400	8	loop	A	1.23	9.3	SC400-08-1HA	3921
1H	400	12	loop	T	1.23	16.1	SC400-12-1HT	3051
1H	400	12	loop	P	1.23	-	SC400-12-1HP	3655
1H	400	12	loop	A	1.23	16.1	SC400-12-1HA	4259
1H	400	16	loop	T	1.23	27.6	SC400-16-1HT	3959
1H	400	16	loop	P	1.23	-	SC400-16-1HP	4603
1H	400	16	loop	A	1.23	27.6	SC400-16-1HA	5245
1H	400	20	loop	T	1.23	45.5	SC400-20-1HT	4219
1H	400	20	loop	P	1.23	-	SC400-20-1HP	4901
1H	400	20	loop	A	1.23	45.5	SC400-20-1HA	5582
1H	400	24	loop	T	1.23	72.4	SC400-24-1HT	4479
1H	400	24	loop	P	1.23	-	SC400-24-1HP	5199
1H	400	24	loop	A	1.23	72.4	SC400-24-1HA	5920
19F	376	8	loop	T	1.31	9.7	SC400-08-1FT	3409
19F	376	8	loop	P	1.31	-	SC400-08-1FP	3950
19F	376	8	loop	A	1.31	9.7	SC400-08-1FA	4489
19F	376	12	loop	T	1.31	16.6	SC400-12-1FT	3653
19F	376	12	loop	P	1.31	-	SC400-12-1FP	4230
19F	376	12	loop	A	1.31	16.6	SC400-12-1FA	4807
19F	376	16	loop	T	1.31	28.2	SC400-16-1FT	4546
19F	376	16	loop	P	1.31	-	SC400-16-1FP	5160
19F	376	16	loop	A	1.31	28.2	SC400-16-1FA	5773
19F	376	20	loop	T	1.31	46.0	SC400-20-1FT	4790
19F	376	20	loop	P	1.31	-	SC400-20-1FP	5440
19F	376	20	loop	A	1.31	46.0	SC400-20-1FA	6091
19F	376	24	loop	T	1.31	72.8	SC400-24-1FT	5034
19F	376	24	loop	P	1.31	-	SC400-24-1FP	5721

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	376	24	loop	A	1.31	72.8	SC400-24-1FA	6407
31P	162	8	loop	T	1.52	17.6	SC400-08-1PT	2483
31P	162	8	loop	P	1.52	-	SC400-08-1PP	2807
31P	162	8	loop	A	1.52	17.6	SC400-08-1PA	3132
31P	162	12	loop	T	1.52	27.7	SC400-12-1PT	2588
31P	162	12	loop	P	1.52	-	SC400-12-1PP	2928
31P	162	12	loop	A	1.52	27.7	SC400-12-1PA	3269
31P	162	16	loop	T	1.52	40.5	SC400-16-1PT	2692
31P	162	16	loop	P	1.52	-	SC400-16-1PP	3049
31P	162	16	loop	A	1.52	40.5	SC400-16-1PA	3405
31P	162	20	loop	T	1.52	58.2	SC400-20-1PT	2797
31P	162	20	loop	P	1.52	-	SC400-20-1PP	3170
31P	162	20	loop	A	1.52	58.2	SC400-20-1PA	3542
31P	162	24	loop	T	1.52	83.6	SC400-24-1PT	2902
31P	162	24	loop	P	1.52	-	SC400-24-1PP	3290
31P	162	24	loop	A	1.52	83.6	SC400-24-1PA	3678
13C	101	8	loop	T	1.22	24.8	SC400-08-1CT	2403
13C	101	8	loop	P	1.22	-	SC400-08-1CP	2666
13C	101	8	loop	A	1.22	24.8	SC400-08-1CA	2929
13C	101	12	loop	T	1.22	38.4	SC400-12-1CT	2468
13C	101	12	loop	P	1.22	-	SC400-12-1CP	2741
13C	101	12	loop	A	1.22	38.4	SC400-12-1CA	3014
13C	101	16	loop	T	1.22	54.0	SC400-16-1CT	2533
13C	101	16	loop	P	1.22	-	SC400-16-1CP	2816
13C	101	16	loop	A	1.22	54.0	SC400-16-1CA	3098
13C	101	20	loop	T	1.22	73.4	SC400-20-1CT	2599
13C	101	20	loop	P	1.22	-	SC400-20-1CP	2891
13C	101	20	loop	A	1.22	73.4	SC400-20-1CA	3184
13C	101	24	loop	T	1.22	99.0	SC400-24-1CT	2664
13C	101	24	loop	P	1.22	-	SC400-24-1CP	2966
13C	101	24	loop	A	1.22	99.0	SC400-24-1CA	3269
19F/1H	376	8	Dual	T	1.31	9.7	SC400-08-2FT	4465
19F/1H	376	8	Dual	P	1.31	-	SC400-08-2FP	5006
19F/1H	376	8	Dual	A	1.31	9.7	SC400-08-2FA	5546
19F/1H	376	12	Dual	T	1.31	16.6	SC400-12-2FT	5075
19F/1H	376	12	Dual	P	1.31	-	SC400-12-2FP	5652
19F/1H	376	12	Dual	A	1.31	16.6	SC400-12-2FA	6229
19F/1H	376	16	Dual	T	1.31	28.2	SC400-16-2FT	6335

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19F/1H	376	16	Dual	P	1.31	-	SC400-16-2FP	6948
19F/1H	376	16	Dual	A	1.31	28.2	SC400-16-2FA	7561
19F/1H	376	20	Dual	T	1.31	46.0	SC400-20-2FT	6944
19F/1H	376	20	Dual	P	1.31	-	SC400-20-2FP	7594
19F/1H	376	20	Dual	A	1.31	46.0	SC400-20-2FA	8245
19F/1H	376	24	Dual	T	1.31	72.8	SC400-24-2FT	7554
19F/1H	376	24	Dual	P	1.31	-	SC400-24-2FP	8241
19F/1H	376	24	Dual	A	1.31	72.8	SC400-24-2FA	8927
31P / 1H	162	8	Dual	T	1.52	17.6	SC400-08-2PT	4188
31P / 1H	162	8	Dual	P	1.52	-	SC400-08-2PP	4512
31P / 1H	162	8	Dual	A	1.52	17.6	SC400-08-2PA	4837
31P / 1H	162	12	Dual	T	1.52	27.7	SC400-12-2PT	4659
31P / 1H	162	12	Dual	P	1.52	-	SC400-12-2PP	4999
31P / 1H	162	12	Dual	A	1.52	27.7	SC400-12-2PA	5341
31P / 1H	162	16	Dual	T	1.52	40.5	SC400-16-2PT	5129
31P / 1H	162	16	Dual	P	1.52	-	SC400-16-2PP	5486
31P / 1H	162	16	Dual	A	1.52	40.5	SC400-16-2PA	5843
31P / 1H	162	20	Dual	T	1.52	58.2	SC400-20-2PT	5600
31P / 1H	162	20	Dual	P	1.52	-	SC400-20-2PP	5972
31P / 1H	162	20	Dual	A	1.52	58.2	SC400-20-2PA	6345
31P / 1H	162	24	Dual	T	1.52	83.6	SC400-24-2PT	6071
31P / 1H	162	24	Dual	P	1.52	-	SC400-24-2PP	6459
31P / 1H	162	24	Dual	A	1.52	83.6	SC400-24-2PA	6848
13C / 1H	101	8	Dual	T	1.22	24.8	SC400-08-2CT	4108
13C / 1H	101	8	Dual	P	1.22	-	SC400-08-2CP	4371
13C / 1H	101	8	Dual	A	1.22	24.8	SC400-08-2CA	4634
13C / 1H	101	12	Dual	T	1.22	38.4	SC400-12-2CT	4539
13C / 1H	101	12	Dual	P	1.22	-	SC400-12-2CP	4812
13C / 1H	101	12	Dual	A	1.22	38.4	SC400-12-2CA	5086
13C / 1H	101	16	Dual	T	1.22	54.0	SC400-16-2CT	4970
13C / 1H	101	16	Dual	P	1.22	-	SC400-16-2CP	5254
13C / 1H	101	16	Dual	A	1.22	54.0	SC400-16-2CA	5536
13C / 1H	101	20	Dual	T	1.22	73.4	SC400-20-2CT	5401
13C / 1H	101	20	Dual	P	1.22	-	SC400-20-2CP	5695
13C / 1H	101	20	Dual	A	1.22	73.4	SC400-20-2CA	5987
13C / 1H	101	24	Dual	T	1.22	99.0	SC400-24-2CT	5832
13C / 1H	101	24	Dual	P	1.22	-	SC400-24-2CP	6135
13C / 1H	101	24	Dual	A	1.22	99.0	SC400-24-2CA	6437

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