

# CS035

## Sendust Cores OD 3.56mm/0.140inch



Available Cores

Part No.	AL (nH/N <sup>2</sup> )	Perm.
-	-	-
CS 035060	13	60
CS 035075	16	75
CS 035090	19	90
CM 035125	26	125
-	-	-
-	-	-
-	-	-
-	-	-

Winding Information

AWG Wire		Single Layer		AWB Wire		Single Layer	
No.	Dia. (cm)	Turns	Rdc, $\mu$	No.	Dia. (cm)	Turns	Rdc, $\mu$
28	0.0366	9	0.0237	37	0.0140	27	0.363
29	0.0330	10	0.0314	38	0.0124	30	0.503
30	0.0294	11	0.0431	39	0.0109	35	0.727
31	0.0267	13	0.0581	40	0.0096	40	1.02
32	0.0241	14	0.0768	41	0.00863	44	1.37
33	0.0216	16	0.105	42	0.00762	50	1.90
34	0.0191	19	0.146	43	0.00685	56	2.67
35	0.0170	21	0.200	44	0.00635	60	3.45
36	0.0152	24	0.272				

Core Dimensions

		OD(max)	ID(min)	HT(max)
Before coating	(mm)	3.56	1.78	1.52
	(inch)	0.140	0.070	0.060
After coating	(mm)	3.76	1.58	1.72
	(inch)	0.148	0.062	0.068

Magnetic Dimensions

Cross Section (A)	Path Length ( $\Gamma$ )	Window Area (Wa)	Volume (V)	Weight
0.0137 cm <sup>2</sup>	0.817 cm	0.018 cm <sup>2</sup>	0.010746 cm <sup>3</sup>	0.07 gm
0.0021 in <sup>2</sup>	0.317 in	3.600 cmil	0.000656 in <sup>3</sup>	0.002 oz

# CS039

## Sendust Cores OD 3.94mm/0.155inch



### Available Cores

Part No.	$A_L$ (nH/N <sup>2</sup> )	Perm.
-	-	-
CS 039060	17	60
CS 039075	21	75
CS 039090	25	90
CM 039125	35	125
-	-	-
-	-	-
-	-	-
-	-	-

### Winding Information

AWG Wire		Single Layer		AWB Wire		Single Layer	
No.	Dia. (cm)	Turns	Rdc, $\mu$	No.	Dia. (cm)	Turns	Rdc, $\mu$
27	0.0409	11	0.0248	36	0.0152	33	0.430
28	0.0366	12	0.0342	37	0.0140	36	0.579
29	0.0330	14	0.0458	38	0.0124	41	0.807
30	0.0294	16	0.0638	39	0.0109	47	1.18
31	0.0267	18	0.0869	40	0.0096	53	1.67
32	0.0241	20	0.116	41	0.00863	59	2.25
33	0.0216	23	0.161	42	0.00762	67	3.15
34	0.0191	26	0.226	43	0.00685	74	4.45
35	0.0170	29	0.313	44	0.00635	80	5.76

### Core Dimensions

		OD(max)	ID(min)	HT(max)
Before coating	(mm)	3.94	2.24	2.54
	(inch)	0.155	0.088	0.100
After coating	(mm)	4.14	2.04	2.74
	(inch)	0.163	0.080	0.108

### Magnetic Dimensions

Cross Section (A)	Path Length ( $\Gamma$ )	Window Area (Wa)	Volume (V)	Weight
0.0211 cm <sup>2</sup>	0.942 cm	0.0308 cm <sup>2</sup>	0.019670 cm <sup>3</sup>	0.12 gm
0.003245 in <sup>2</sup>	0.370 in	6.080 cmil	0.001200 in <sup>3</sup>	0.004 oz

# CS046

## Sendust Cores OD 4.65mm/0.183inch



Available Cores

Part No.	$A_L$ (nH/N <sup>2</sup> )	Perm.
-	-	-
CS 046060	20	60
CS 046075	25	75
CS 046090	30	90
CS 046125	42	125
-	-	-
-	-	-
-	-	-
-	-	-

Winding Information

AWG Wire		Single Layer		AWB Wire		Single Layer	
No.	Dia. (cm)	Turns	Rdc, $\mu$	No.	Dia. (cm)	Turns	Rdc, $\mu$
26	0.0452	9	0.0205	35	0.0170	28	0.371
27	0.0409	10	0.0280	36	0.0152	31	0.511
28	0.0366	12	0.0388	37	0.0140	35	0.691
29	0.0330	13	0.0524	38	0.0124	39	0.968
30	0.0294	15	0.0734	39	0.0109	45	1.42
31	0.0267	17	0.101	40	0.0096	51	2.02
32	0.0241	19	0.135	41	0.00863	57	2.73
33	0.0216	22	0.188	42	0.00762	64	3.83
34	0.0191	25	0.266	43	0.00685	71	5.42

Core Dimensions

		OD(max)	ID(min)	HT(max)
Before coating	(mm)	4.65	2.36	2.54
	(inch)	0.183	0.093	0.100
After coating	(mm)	4.85	2.16	2.74
	(inch)	0.191	0.085	0.108

Magnetic Dimensions

Cross Section (A)	Path Length ( $\Gamma$ )	Window Area (W <sub>a</sub> )	Volume (V)	Weight
0.0285 cm <sup>2</sup>	1.060 cm	0.029 cm <sup>2</sup>	0.0302 cm <sup>3</sup>	0.19 gm
0.00442 in <sup>2</sup>	0.418 in	5.780 cmil	0.001837 in <sup>3</sup>	0.007 oz

# CS063

## Sendust Cores

OD 6.35mm/0.250inch



### Available Cores

Part No.	$A_L$ (nH/N <sup>2</sup> )	Perm.
-	-	-
CS 063060	24	60
CS 063075	30	75
CS 063090	36	90
CM 063125	50	125
-	-	-
-	-	-
-	-	-
-	-	-

### Winding Information

AWG Wire		Single Layer		AWB Wire		Single Layer	
No.	Dia. (cm)	Turns	Rdc, $\mu$	No.	Dia. (cm)	Turns	Rdc, $\mu$
24	0.0566	8	0.0132	33	0.0216	26	0.238
25	0.0505	10	0.0183	34	0.0191	30	0.337
26	0.0452	11	0.0253	35	0.0170	34	0.470
27	0.0409	13	0.0346	36	0.0152	38	0.650
28	0.0366	14	0.0482	37	0.0140	42	0.880
29	0.0330	16	0.0653	38	0.0124	47	1.24
30	0.0294	19	0.0918	39	0.0109	54	1.82
31	0.0267	21	0.126	40	0.0096	61	2.59
32	0.0241	23	0.170	41	0.00863	68	3.50

### Core Dimensions

		OD(max)	ID(min)	HT(max)
Before coating	(mm)	6.35	2.79	2.79
	(inch)	0.250	0.110	0.110
After coating	(mm)	6.99	2.29	3.43
	(inch)	0.275	0.090	0.135

### Magnetic Dimensions

Cross Section (A)	Path Length ( $\Gamma$ )	Window Area (Wa)	Volume (V)	Weight
0.0470 cm <sup>2</sup>	1.361 cm	0.0412 cm <sup>2</sup>	0.064219 cm <sup>3</sup>	0.41 gm
0.00729 in <sup>2</sup>	0.536 in	8.100 cmil	0.003919 in <sup>3</sup>	0.014 oz

# CS066

## Sendust Cores OD 6.6mm/0.260inch



### Available Cores

Part No.	AL (nH/N)	Perm.
-	-	-
CS 066060	26	60
CS 066075	32	75
CS 066090	39	90
CM 066125	54	125
-	-	-
-	-	-
-	-	-
-	-	-

### Winding Information

AWG Wire		Single Layer		AWB Wire		Single Layer	
No.	Dia. (cm)	Turns	Rdc, $\mu$	No.	Dia. (cm)	Turns	Rdc, $\mu$
25	0.0505	10	0.0180	34	0.0191	30	0.330
26	0.0452	11	0.0249	35	0.0170	34	0.461
27	0.0409	13	0.0341	36	0.0152	38	0.637
28	0.0366	14	0.0474	37	0.0140	42	0.862
29	0.0330	16	0.0642	38	0.0124	47	1.21
30	0.0294	19	0.0902	39	0.0109	54	1.78
31	0.0267	21	0.124	40	0.0096	61	2.53
32	0.0241	23	0.167	41	0.00863	68	3.43
33	0.0216	26	0.233	42	0.00762	77	4.81

### Core Dimensions

		OD(max)	ID(min)	HT(max)
Before coating	(mm)	6.6	2.67	2.54
	(inch)	0.260	0.105	0.100
After coating	(mm)	7.24	2.29	3.18
	(inch)	0.285	0.090	0.125

### Magnetic Dimensions

Cross Section (A)	Path Length ( $\Gamma$ )	Window Area (Wa)	Volume (V)	Weight
0.0476 cm <sup>2</sup>	0.0412 cm	0.018 cm <sup>2</sup>	0.063971 cm <sup>3</sup>	0.42 gm
0.00738 in <sup>2</sup>	8.100 in	3.600 cmil	0.003904 in <sup>3</sup>	0.015 oz

# CS067

## Sendust Cores OD 6.6mm/0.260inch



Available Cores

Part No.	AL (nH/N)	Perm.
-	-	-
CS 067060	50	60
CS 067060	62	75
CS 067060	74	90
CS 067125	103	125
-	-	-
-	-	-
-	-	-
-	-	-

Winding Information

AWG Wire		Single Layer		AWB Wire		Single Layer	
No.	Dia. (cm)	Turns	Rdc, $\mu$	No.	Dia. (cm)	Turns	Rdc, $\mu$
25	0.0505	9	0.0223	34	0.0191	29	0.440
26	0.0452	11	0.0312	35	0.0170	32	0.617
27	0.0409	12	0.0431	36	0.0152	36	0.857
28	0.0366	14	0.0605	37	0.0140	40	1.17
29	0.0330	16	0.0826	38	0.0124	45	1.64
30	0.0294	18	0.117	39	0.0109	52	2.42
31	0.0267	20	0.162	40	0.0096	59	3.46
32	0.0241	22	0.220	41	0.00863	66	4.76
33	0.0261	25	0.309	42	0.00762	74	6.62

Core Dimensions

		OD(max)	ID(min)	HT(max)
Before coating	(mm)	6.6	2.67	4.78
	(inch)	0.260	0.105	0.188
After coating	(mm)	7.32	2.21	5.54
	(inch)	0.288	0.087	0.218

Magnetic Dimensions

Cross Section (A)	Path Length ( $\Gamma$ )	Window Area (Wa)	Volume (V)	Weight
0.0920 cm <sup>2</sup>	1.363 cm	0.0384 cm <sup>2</sup>	0.1254 cm <sup>3</sup>	0.79 gm
0.01426 in <sup>2</sup>	0.537 in	7.570 cmil	0.007443 in <sup>3</sup>	0.028 oz

# CS068

## Sendust Cores

OD 6.86mm/0.270inch



### Available Cores

Part No.	AL (nH/N)	Perm.
-	-	-
CS 068060	33	60
CS 068075	42	75
CS 068090	50	90
CS 068125	70	125
-	-	-
-	-	-
-	-	-
-	-	-

### Winding Information

AWG Wire		Single Layer		AWB Wire		Single Layer	
No.	Dia. (cm)	Turns	Rdc, $\mu$	No.	Dia. (cm)	Turns	Rdc, $\mu$
21	0.0785	9	0.00902	30	0.0294	29	0.177
22	0.0701	11	0.0216	31	0.0267	33	0.244
23	0.0632	12	0.0174	32	0.0241	36	0.331
24	0.0566	14	0.0242	33	0.0216	41	0.466
25	0.0505	16	0.0338	34	0.0191	46	0.664
26	0.0452	18	0.0472	35	0.0170	52	0.932
27	0.0409	21	0.0651	36	0.0152	58	1.29
28	0.0366	23	0.0915	37	0.0140	65	1.76
29	0.0330	26	0.125	38	0.0124	73	2.48

### Core Dimensions

		OD(max)	ID(min)	HT(max)
Before coating	(mm)	6.86	3.96	5.08
	(inch)	0.270	0.156	0.200
After coating	(mm)	7.62	3.45	5.72
	(inch)	0.300	0.136	0.225

### Magnetic Dimensions

Cross Section (A)	Path Length ( $\Gamma$ )	Window Area (Wa)	Volume (V)	Weight
0.0725 cm <sup>2</sup>	1.65 cm	0.0934 cm <sup>2</sup>	0.0126069 cm <sup>3</sup>	0.729m
0.01124 in <sup>2</sup>	0.650 in	18.500 cmil	0.007693 in <sup>3</sup>	0.025 oz

# CS078

## Sendust Cores OD 7.87mm/0.310inch



Available Cores

Part No.	AL (nH/N)	Perm.
-	-	-
CS 078060	25	60
CS 078075	31	75
CS 078090	37	90
CS 078125	52	125
-	-	-
-	-	-
-	-	-
-	-	-

Winding Information

AWG Wire		Single Layer		AWB Wire		Single Layer	
No.	Dia. (cm)	Turns	Rdc, $\mu$	No.	Dia. (cm)	Turns	Rdc, $\mu$
21	0.0785	9	0.0078	30	0.0294	29	0.146
22	0.0701	11	0.0108	31	0.0267	33	0.201
23	0.0632	12	0.0148	32	0.0241	36	0.272
24	0.0566	14	0.0206	33	0.0216	41	0.382
25	0.0505	16	0.0285	34	0.0091	46	0.543
26	0.0452	18	0.0397	35	0.0170	52	0.760
27	0.0409	20	0.0545	36	0.0152	58	1.05
28	0.0366	23	0.0762	37	0.0140	64	1.43
29	0.0330	26	0.104	38	0.0124	72	2.01

Core Dimensions

		OD(max)	ID(min)	HT(max)
Before coating	(mm)	7.87	3.96	3.18
	(inch)	0.310	0.156	0.125
After coating	(mm)	8.51	3.43	3.81
	(inch)	0.335	0.135	0.150

Magnetic Dimensions

Cross Section (A)	Path Length ( $\Gamma$ )	Window Area (Wa)	Volume (V)	Weight
0.0615 cm <sup>2</sup>	1.787 cm	0.0922 cm <sup>2</sup>	0.1099 cm <sup>3</sup>	0.67 gm
0.00953 in <sup>2</sup>	0.704 in	18.200 cmil	0.0067 in <sup>3</sup>	0.024 oz



# CS096

## Sendust Cores OD 9.65mm/0.380inch



### Available Cores

Part No.	AL (nH/N)	Perm.
-	-	-
CS 096060	25	60
CS 096075	32	75
CS 096090	38	90
CS 096125	53	125
-	-	-
-	-	-
-	-	-
-	-	-

### Winding Information

AWG Wire		Single Layer		AWB Wire		Single Layer	
No.	Dia. (cm)	Turns	Rdc, $\mu$	No.	Dia. (cm)	Turns	Rdc, $\mu$
19	0.0980	9	0.0053	28	0.0366	29	0.100
20	0.0879	11	0.0073	29	0.0330	33	0.136
21	0.0785	12	0.0101	30	0.0294	37	0.193
22	0.0701	14	0.0141	31	0.0267	41	0.266
23	0.0632	16	0.0193	32	0.0241	46	0.360
24	0.0566	18	0.0268	33	0.0216	51	0.505
25	0.0505	21	0.0372	34	0.0191	58	0.719
26	0.0452	23	0.0519	35	0.0170	65	1.01
27	0.0409	26	0.0714	36	0.0152	73	1.40

### Core Dimensions

		OD(max)	ID(min)	HT(max)
Before coating	(mm)	9.65	4.78	3.18
	(inch)	0.380	0.188	0.125
After coating	(mm)	10.29	4.27	3.81
	(inch)	0.405	0.168	0.150

### Magnetic Dimensions

Cross Section (A)	Path Length ( $\Gamma$ )	Window Area (Wa)	Volume (V)	Weight
0.0752 cm <sup>2</sup>	2.18 cm	0.1429 cm <sup>2</sup>	0.1639 cm <sup>3</sup>	1.01 gm
0.01166 in <sup>2</sup>	0.859 in	28.200 cmil	0.0100 in <sup>3</sup>	0.036 oz

# CS097

## Sendust Cores

OD 9.65mm/0.380inch



Available Cores

Part No.	AL (nH/N)	Perm.
-	-	-
CS 097060	32	60
CS 097075	40	75
CS 097090	48	90
CS 097125	66	125
-	-	-
-	-	-
-	-	-
-	-	-

Winding Information

AWG Wire		Single Layer		AWB Wire		Single Layer	
No.	Dia. (cm)	Turns	Rdc, $\mu$	No.	Dia. (cm)	Turns	Rdc, $\mu$
19	0.0980	9	0.00567	28	0.0366	29	0.110
20	0.0879	11	0.00783	29	0.0330	33	0.150
21	0.0785	12	0.0109	30	0.0294	37	0.212
22	0.0701	14	0.0152	31	0.0267	41	0.293
23	0.0632	16	0.0209	32	0.0241	46	0.397
24	0.0566	18	0.0291	33	0.0216	51	0.558
25	0.0505	21	0.0405	34	0.0191	58	0.795
26	0.0452	23	0.0567	35	0.0170	65	1.12
27	0.0409	26	0.0782	36	0.0152	73	1.55

Core Dimensions

		OD(max)	ID(min)	HT(max)
Before coating	(mm)	39.65	4.78	3.96
	(inch)	0.380	0.188	0.156
After coating	(mm)	10.29	4.27	4.57
	(inch)	0.405	0.168	0.180

Magnetic Dimensions

Cross Section (A)	Path Length ( $\Gamma$ )	Window Area (Wa)	Volume (V)	Weight
0.0945 cm <sup>2</sup>	2.18 cm	0.1429 cm <sup>2</sup>	0.2060 cm <sup>3</sup>	1.30 gm
0.01465 in <sup>2</sup>	0.859 in	28.200 cmil	0.01258 in <sup>3</sup>	0.046 oz

# CS102

## Sendust Cores

OD 10.16mm/0.400inch



### Available Cores

Part No.	AL (nH/N)	Perm.
-	-	-
CS 102060	32	60
CS 102075	40	75
CS 102090	48	90
CS 102125	66	125
-	-	-
-	-	-
-	-	-
-	-	-

### Winding Information

AWG Wire		Single Layer		AWB Wire		Single Layer	
No.	Dia. (cm)	Turns	Rdc, $\mu$	No.	Dia. (cm)	Turns	Rdc, $\mu$
18	0.109	9	0.00442	27	0.0409	28	0.0846
19	0.0980	10	0.00613	28	0.0366	32	0.119
20	0.0879	12	0.00847	29	0.0330	35	0.162
21	0.0785	13	0.0118	30	0.0294	40	0.230
22	0.0701	15	0.0164	31	0.0267	44	0.317
23	0.0632	17	0.0226	32	0.0241	49	0.430
24	0.0566	20	0.0315	33	0.0216	55	0.605
25	0.0505	22	0.0439	34	0.0191	62	0.862
26	0.0452	25	0.0614	35	0.170	70	1.21

### Core Dimensions

		OD(max)	ID(min)	HT(max)
Before coating	(mm)	10.16	5.08	3.96
	(inch)	0.400	0.200	0.156
After coating	(mm)	10.80	4.57	4.57
	(inch)	0.425	0.108	0.180

### Magnetic Dimensions

Cross Section (A)	Path Length ( $\Gamma$ )	Window Area (Wa)	Volume (V)	Weight
0.1000 cm <sup>2</sup>	2.38 cm	0.164 cm <sup>2</sup>	0.2380 cm <sup>3</sup>	1.37 gm
0.01550 in <sup>2</sup>	0.906 in	32.400 cmil	0.0140 in <sup>3</sup>	0.048 oz

# CS112

## Sendust Cores

OD 11.18mm/0.440inch



**Available Cores**

Part No.	AL (nH/N)	Perm.
-	-	-
CS 112060	26	60
CS 112075	32	75
CS 112090	38	90
CS 112125	53	125
-	-	-
-	-	-
-	-	-
-	-	-

**Winding Information**

AWG Wire		Single Layer		AWB Wire		Single Layer	
No.	Dia. (cm)	Turns	Rdc, $\mu$	No.	Dia. (cm)	Turns	Rdc, $\mu$
16	0.137	9	0.00299	25	0.0505	29	0.0566
17	0.122	11	0.00412	26	0.0452	33	0.0792
18	0.109	12	0.00572	27	0.0409	37	0.109
19	0.0980	14	0.00792	28	0.0366	42	0.153
20	0.0879	16	0.0109	29	0.0330	46	0.209
21	0.0785	18	0.0152	30	0.0294	52	0.297
22	0.0701	21	0.0212	31	0.0267	58	0.410
23	0.0632	23	0.0292	32	0.0241	64	0.556
24	0.0566	26	0.0406	33	0.0216	72	0.782

**Core Dimensions**

		OD(max)	ID(min)	HT(max)
Before coating	(mm)	11.18	6.35	3.96
	(inch)	0.440	0.250	0.156
After coating	(mm)	11.90	5.89	4.72
	(inch)	0.468	0.232	0.186

**Magnetic Dimensions**

Cross Section (A)	Path Length ( $\Gamma$ )	Window Area (Wa)	Volume (V)	Weight
2.69 cm <sup>2</sup>	2.69 cm	0.273 cm <sup>2</sup>	0.2437 cm <sup>3</sup>	1.51 gm
0.01430 in <sup>2</sup>	1.08 in	53.800 cmil	0.01515 in <sup>3</sup>	0.053 oz

# CS127

## Sendust Cores OD 12.70mm/0.500inch



Available Cores

Part No.	AL (nH/N)	Perm.
-	-	-
CS 127060	27	60
CS 127075	34	75
CS 127090	40	90
CS 127125	56	125
-	-	-
-	-	-
-	-	-
-	-	-

Winding Information

AWG Wire		Single Layer		AWB Wire		Single Layer	
No.	Dia. (cm)	Turns	Rdc, $\mu$	No.	Dia. (cm)	Turns	Rdc, $\mu$
15	0.153	10	0.00271	24	0.0566	31	0.0518
16	0.137	11	0.00376	25	0.0505	35	0.0723
17	0.122	13	0.00520	26	0.0452	40	0.101
18	0.109	15	0.00722	27	0.0409	45	0.140
19	0.0980	17	0.0100	28	0.0366	50	0.197
20	0.0879	19	0.0139	29	0.0330	56	0.269
21	0.0785	22	0.0193	30	0.0294	63	0.381
22	0.0701	25	0.0270	31	0.0267	69	0.527
23	0.0632	28	0.371	32	0.0241	77	0.716

Core Dimensions

		OD(max)	ID(min)	HT(max)
Before coating	(mm)	12.70	7.62	4.75
	(inch)	0.500	0.300	0.187
After coating	(mm)	13.46	6.99	5.51
	(inch)	0.530	0.275	0.217

Magnetic Dimensions

Cross Section (A)	Path Length ( $\Gamma$ )	Window Area (Wa)	Volume (V)	Weight
0.114 cm <sup>2</sup>	3.12 cm	0.383 cm <sup>2</sup>	0.35568 cm <sup>3</sup>	2.23 gm
0.01767 in <sup>2</sup>	1.229 in	75.600 cmil	0.02172 in <sup>3</sup>	0.079 oz

# CS166

## Sendust Cores

OD 16.51mm/0.650inch



### Available Cores

Part No.	AL (nH/N)	Perm.
-	-	-
CS 166060	35	60
CS 166075	43	75
CS 166090	52	90
CS 166125	72	125
-	-	-
-	-	-
-	-	-
-	-	-

### Winding Information

AWG Wire		Single Layer		AWB Wire		Single Layer	
No.	Dia. (cm)	Turns	Rdc, $\mu$	No.	Dia. (cm)	Turns	Rdc, $\mu$
12	0.213	10	0.00165	21	0.0785	31	0.0323
13	0.190	11	0.00230	22	0.0701	35	0.0453
14	0.171	13	0.00318	23	0.0632	39	0.0626
15	0.153	15	0.00443	24	0.0566	44	0.0876
16	0.137	17	0.00617	25	0.0505	49	0.123
17	0.122	19	0.00856	26	0.0452	55	0.172
18	0.109	21	0.0119	27	0.0409	62	0.239
19	0.0980	24	0.0166	28	0.0366	69	0.336
20	0.0879	27	0.0231	29	0.0330	77	0.460

### Core Dimensions

		OD(max)	ID(min)	HT(max)
Before coating	(mm)	16.51	10.16	6.35
	(inch)	0.650	0.400	0.060
After coating	(mm)	17.40	9.53	7.11
	(inch)	0.680	0.375	0.280

### Magnetic Dimensions

Cross Section (A)	Path Length ( $\Gamma$ )	Window Area (Wa)	Volume (V)	Weight
0.1920 cm <sup>2</sup>	4.11 cm	0.713 cm <sup>2</sup>	0.7891 cm <sup>3</sup>	4.9 gm
0.0298 in <sup>2</sup>	1.619 in	140.600 cmil	0.0483 in <sup>3</sup>	0.17 oz

# CS172

## Sendust Cores

OD 17.27mm/0.680inch



### Available Cores

Part No.	$A_L$ (nH/N)	Perm.
-	-	-
CS 172060	43	60
CS 172075	53	75
CS 172090	64	90
CS 172125	89	125
-	-	-
-	-	-
-	-	-
-	-	-

### Winding Information

AWG Wire		Single Layer		AWB Wire		Single Layer	
No.	Dia. (cm)	Turns	Rdc, $\mu$	No.	Dia. (cm)	Turns	Rdc, $\mu$
12	0.213	9	0.00161	21	0.0785	29	0.0319
13	0.190	10	0.00225	22	0.0701	33	0.0449
14	0.171	12	0.00311	23	0.0632	37	0.0621
15	0.153	14	0.00434	24	0.0566	41	0.0869
16	0.137	16	0.00606	25	0.0505	47	0.122
17	0.122	18	0.00843	26	0.0452	52	0.171
18	0.109	20	0.0118	27	0.0409	58	0.237
19	0.0980	23	0.0164	28	0.0366	65	0.334
20	0.0879	26	0.0228	29	0.0330	73	0.458

### Core Dimensions

		OD(max)	ID(min)	HT(max)
Before coating	(mm)	17.27	9.65	6.35
	(inch)	0.680	0.380	0.250
After coating	(mm)	18.03	9.02	7.11
	(inch)	0.710	0.355	0.280

### Magnetic Dimensions

Cross Section (A)	Path Length ( $\Gamma$ )	Window Area (Wa)	Volume (V)	Weight
0.232 cm <sup>2</sup>	4.14 cm	0.638 cm <sup>2</sup>	0.9605 cm <sup>3</sup>	5.9 gm
0.0360 in <sup>2</sup>	1.63 in	126.000 cmil	0.05868 in <sup>3</sup>	0.21 oz

# CS203

## Sendust Cores

OD 20.32mm/0.800inch



**Available Cores**

Part No.	AL (nH/N)	Perm.
-	-	-
CS 203060	32	60
CS 203075	41	75
CS 203090	49	90
CS 203125	68	125
-	-	-
-	-	-
-	-	-
-	-	-

**Winding Information**

AWG Wire		Single Layer		AWB Wire		Single Layer	
No.	Dia. (cm)	Turns	Rdc, $\mu$	No.	Dia. (cm)	Turns	Rdc, $\mu$
12	0.213	13	0.00221	21	0.0785	40	0.0430
13	0.190	15	0.00307	22	0.0701	45	0.0604
14	0.171	17	0.00424	23	0.0632	50	0.0834
15	0.153	19	0.00590	24	0.0566	56	0.117
16	0.137	22	0.00822	25	0.0505	63	0.164
17	0.122	25	0.0114	26	0.0452	71	0.230
18	0.109	28	0.0159	27	0.0409	79	0.318
19	0.0980	32	0.0222	28	0.0366	89	0.448
20	0.0879	35	0.0308	29	0.0330	98	0.614

**Core Dimensions**

		OD(max)	ID(min)	HT(max)
Before coating	(mm)	20.32	12.70	6.35
	(inch)	0.800	0.500	0.250
After coating	(mm)	21.1	12.07	7.11
	(inch)	0.830	0.475	0.280

**Magnetic Dimensions**

Cross Section (A)	Path Length ( $\Gamma$ )	Window Area (Wa)	Volume (V)	Weight
0.226 cm <sup>2</sup>	5.09 cm	1.14 cm <sup>2</sup>	1.1510 cm <sup>3</sup>	7.2 gm
0.035 in <sup>2</sup>	2.01 in	225.600 cmil	0.07035 in <sup>3</sup>	0.25 oz



# CS229

## Sendust Cores

OD 22.86mm/0.900inch



**Available Cores**

Part No.	AL (nH/N)	Perm.
-	-	-
CS 229060	43	60
CS 229075	54	75
CS 229090	65	90
CS 229125	90	125
-	-	-
-	-	-
-	-	-
-	-	-

**Winding Information**

AWG Wire		Single Layer		AWB Wire		Single Layer	
No.	Dia. (cm)	Turns	Rdc, $\mu$	No.	Dia. (cm)	Turns	Rdc, $\mu$
12	0.213	15	0.00276	21	0.0785	45	0.0548
13	0.190	17	0.00384	22	0.0701	50	0.0771
14	0.171	19	0.00532	23	0.0632	56	0.107
15	0.153	22	0.00742	24	0.0566	63	0.150
16	0.137	25	0.0104	25	0.0505	71	0.210
17	0.122	28	0.0144	26	0.0452	79	0.295
18	0.109	31	0.0202	27	0.0409	88	0.409
19	0.0980	35	0.0281	28	0.0366	99	0.577
20	0.0879	40	0.0392	29	0.0330	109	0.791

**Core Dimensions**

		OD(max)	ID(min)	HT(max)
Before coating	(mm)	22.86	13.97	7.62
	(inch)	0.900	0.550	0.300
After coating	(mm)	23.62	13.39	8.38
	(inch)	0.930	0.527	0.330

**Magnetic Dimensions**

Cross Section (A)	Path Length ( $\Gamma$ )	Window Area (Wa)	Volume (V)	Weight
0.331 cm <sup>2</sup>	5.67 cm	1.41 cm <sup>2</sup>	1.8771 cm <sup>3</sup>	11.5 gm
0.0513 in <sup>2</sup>	2.23 in	277.700 cmil	0.11455 in <sup>3</sup>	0.41 oz

# CS234

## Sendust Cores OD 23.57mm/0.928inch



### Available Cores

Part No.	AL (nH/N)	Perm.
-	-	-
CS 234060	51	60
CS 234075	63	75
CS 234090	76	90
CS 234125	105	125
-	-	-
-	-	-
-	-	-
-	-	-

### Winding Information

AWG Wire		Single Layer		AWB Wire		Single Layer	
No.	Dia. (cm)	Turns	Rdc, $\mu$	No.	Dia. (cm)	Turns	Rdc, $\mu$
12	0.213	15	0.00307	21	0.0785	46	0.0620
13	0.190	17	0.00429	22	0.0701	52	0.0874
14	0.171	20	0.00595	23	0.0632	58	0.1210
15	0.153	22	0.00832	24	0.0566	65	0.170
16	0.137	25	0.0116	25	0.0505	73	0.238
17	0.122	29	0.0162	26	0.0452	81	0.336
18	0.109	32	0.0227	27	0.0409	91	0.465
19	0.0980	36	0.0318	28	0.0366	101	0.657
20	0.0879	41	0.0443	29	0.0330	112	0.901

### Core Dimensions

		OD(max)	ID(min)	HT(max)
Before coating	(mm)	23.57	14.40	8.89
	(inch)	0.928	0.567	0.350
After coating	(mm)	24.30	13.77	9.70
	(inch)	0.956	0.542	0.382

### Magnetic Dimensions

Cross Section (A)	Path Length ( $\Gamma$ )	Window Area (Wa)	Volume (V)	Weight
0.388 cm <sup>2</sup>	5.88 cm	1.49 cm <sup>2</sup>	2.2814 cm <sup>3</sup>	14.4 gm
0.061 in <sup>2</sup>	2.32 in	293.800 cmil	0.1415 in <sup>3</sup>	0.51 oz

# CS270

## Sendust Cores

OD 26.92mm/1.060inch



**Available Cores**

Part No.	AL (nH/N)	Perm.
CS 270026	32	26
CS 270060	75	60
CS 270075	94	75
CS 270090	113	90
CS 270125	157	125
-	-	-
-	-	-
-	-	-
-	-	-

**Winding Information**

AWG Wire		Single Layer		AWB Wire		Single Layer	
No.	Dia. (cm)	Turns	Rdc, $\mu$	No.	Dia. (cm)	Turns	Rdc, $\mu$
12	0.213	16	0.00367	21	0.0785	47	0.0759
13	0.190	18	0.00514	22	0.0701	53	0.107
14	0.171	20	0.00715	23	0.0632	59	0.149
15	0.153	23	0.0100	24	0.0566	66	0.209
16	0.137	26	0.0141	25	0.0505	74	0.294
17	0.122	29	0.0197	26	0.0452	83	0.414
18	0.109	33	0.0276	27	0.0409	93	0.575
19	0.0980	37	0.0387	28	0.0366	104	0.812
20	0.0879	42	0.0541	29	0.0330	115	1.11

**Core Dimensions**

		OD(max)	ID(min)	HT(max)
Before coating	(mm)	26.92	14.73	11.18
	(inch)	1.060	0.580	0.440
After coating	(mm)	27.70	14.10	11.99
	(inch)	1.090	0.555	0.472

**Magnetic Dimensions**

Cross Section (A)	Path Length ( $\Gamma$ )	Window Area (Wa)	Volume (V)	Weight
0.654 cm <sup>2</sup>	6.35 cm	1.56 cm <sup>2</sup>	4.154 cm <sup>3</sup>	26 gm
0.1014 in <sup>2</sup>	2.50 in	308.000 cmil	0.2536 in <sup>3</sup>	0.9 oz

# CS330

## Sendust Cores

OD 33.02mm/1.300inch



### Available Cores

Part No.	AL (nH/N)	Perm.
CS 330026	28	26
CS 330060	61	60
CS 330075	76	75
CS 330090	127	90
CS 330125	127	125
-	-	-
-	-	-
-	-	-
-	-	-

### Winding Information

AWG Wire		Single Layer		AWB Wire		Single Layer	
No.	Dia. (cm)	Turns	Rdc, $\mu$	No.	Dia. (cm)	Turns	Rdc, $\mu$
12	0.213	23	0.00517	21	0.0785	66	0.105
13	0.190	26	0.00722	22	0.0701	74	0.148
14	0.171	29	0.0100	23	0.0632	82	0.206
15	0.153	32	0.0140	24	0.0566	92	0.289
16	0.137	37	0.0197	25	0.0505	103	0.406
17	0.122	41	0.0274	26	0.0452	115	0.572
18	0.109	46	0.0384	27	0.0409	128	0.794
19	0.0980	52	0.0538	28	0.0366	143	1.12
20	0.0879	58	0.0750	29	0.0330	159	1.54

### Core Dimensions

		OD(max)	ID(min)	HT(max)
Before coating	(mm)	33.02	19.94	10.67
	(inch)	1.300	0.785	0.420
After coating	(mm)	33.83	19.30	11.61
	(inch)	1.332	0.760	0.457

### Magnetic Dimensions

Cross Section (A)	Path Length ( $\Gamma$ )	Window Area (Wa)	Volume (V)	Weight
0.672 cm <sup>2</sup>	8.15 cm	2.93 cm <sup>2</sup>	5.4768 cm <sup>3</sup>	34 gm
0.1042 in <sup>2</sup>	3.12 in	577.600 cmil	0.3345 in <sup>3</sup>	1.2 oz

# CS343

## Sendust Cores

OD 34.29mm/1.350inch



### Available Cores

Part No.	AL (nH/N)	Perm.
CS 343026	16	26
CS 343060	38	60
CS 343075	47	75
CS 343090	57	90
CS 343125	79	125
-	-	-
-	-	-
-	-	-
-	-	-

### Winding Information

AWG Wire		Single Layer		AWB Wire		Single Layer	
No.	Dia. (cm)	Turns	Rdc, 3	No.	Dia. (cm)	Turns	Rdc, 3
12	0.213	27	0.00533	21	0.0785	77	0.105
13	0.190	30	0.00740	22	0.0701	87	0.148
14	0.171	34	0.0102	23	0.0632	96	0.206
15	0.153	38	0.0143	24	0.0566	108	0.288
16	0.137	43	0.0199	25	0.0505	121	0.404
17	0.122	49	0.0277	26	0.0452	135	0.569
18	0.109	55	0.0388	27	0.0409	150	0.789
19	0.0980	61	0.0541	28	0.0366	168	1.11
20	0.0879	69	0.0754	29	0.0330	186	1.53

### Core Dimensions

		OD(max)	ID(min)	HT(max)
Before coating	(mm)	34.29	23.37	8.89
	(inch)	1.350	0.920	0.350
After coating	(mm)	35.20	22.60	9.83
	(inch)	1.385	0.888	0.387

### Magnetic Dimensions

Cross Section (A)	Path Length (Γ)	Window Area (Wa)	Volume (V)	Weight
0.454 cm <sup>2</sup>	8.95 cm	4.01 cm <sup>2</sup>	4.0633 cm <sup>3</sup>	25 gm
0.0704 in <sup>2</sup>	3.53 in	788.500 cmil	0.2485 in <sup>3</sup>	0.9 oz

# CS358

## Sendust Cores

OD 35.81mm/1.410inch



Available Cores

Part No.	AL (nH/N)	Perm.
CS 358026	24	26
CS 358060	56	60
CS 358075	70	75
CS 358090	84	90
CS 358125	117	125
-	-	-
-	-	-
-	-	-
-	-	-

Winding Information

AWG Wire		Single Layer		AWB Wire		Single Layer	
No.	Dia. (cm)	Turns	Rdc, $\mu$	No.	Dia. (cm)	Turns	Rdc, $\mu$
12	0.213	25	0.00579	21	0.0785	74	0.117
13	0.190	29	0.00809	22	0.0701	82	0.166
14	0.171	32	0.0112	23	0.0632	92	0.229
15	0.153	37	0.0157	24	0.0566	103	0.322
16	0.137	41	0.0220	25	0.0505	115	0.452
17	0.122	46	0.0306	26	0.0452	129	0.637
18	0.109	52	0.0429	27	0.0409	143	0.885
19	0.0980	58	0.0600	28	0.0366	160	1.25
20	0.0879	65	0.0837	29	0.0330	177	1.71

Core Dimensions

		OD(max)	ID(min)	HT(max)
Before coating	(mm)	35.81	22.35	10.46
	(inch)	1.410	0.880	0.412
After coating	(mm)	36.70	21.50	11.28
	(inch)	1.445	0.848	0.444

Magnetic Dimensions

Cross Section (A)	Path Length ( $\Gamma$ )	Window Area (Wa)	Volume (V)	Weight
0.678 cm <sup>2</sup>	8.98 cm	3.64 cm <sup>2</sup>	6.0884 cm <sup>3</sup>	37 gm
0.1051 in <sup>2</sup>	3.54 in	719.100 cmil	0.3721 in <sup>3</sup>	1.3 oz

# CS400

## Sendust Cores

OD 39.88mm/1.570inch



**Available Cores**

Part No.	AL (nH/N)	Perm.
CS 400026	35	26
CS 400060	81	60
CS 400075	101	75
CS 400090	121	90
CS 400125	168	125
-	-	-
-	-	-
-	-	-
-	-	-

**Winding Information**

AWG Wire		Single Layer		AWB Wire		Single Layer	
No.	Dia. (cm)	Turns	Rdc, $\mu$	No.	Dia. (cm)	Turns	Rdc, $\mu$
10	0.267	22	0.00389	19	0.0785	64	0.0804
11	0.238	25	0.00545	20	0.0701	71	0.112
12	0.213	28	0.00762	21	0.0632	80	0.158
13	0.190	31	0.0107	22	0.0566	90	0.223
14	0.171	35	0.0148	23	0.0505	100	0.309
15	0.153	40	0.0208	24	0.0452	112	0.435
16	0.137	45	0.0292	25	0.0409	125	0.611
17	0.122	50	0.0408	26	0.0366	140	0.862
18	0.109	57	0.0574	27	0.0330	155	1.20

**Core Dimensions**

		OD(max)	ID(min)	HT(max)
Before coating	(mm)	39.88	24.13	14.48
	(inch)	1.570	0.950	0.570
After coating	(mm)	40.70	23.30	15.37
	(inch)	1.602	0.918	0.605

**Magnetic Dimensions**

Cross Section (A)	Path Length ( $\Gamma$ )	Window Area (Wa)	Volume (V)	Weight
1.072 cm <sup>2</sup>	9.84 cm	4.27 cm <sup>2</sup>	10.5485 cm <sup>3</sup>	66 gm
0.1662 in <sup>2</sup>	3.88 in	842.700 cmil	0.6449 in <sup>3</sup>	2.3 oz

# CS467

## Sendust Cores OD 46.74mm/1.840inch



Available Cores

Part No.	$A_L$ (nH/N <sup>2</sup> )	Perm.
CS 467026	59	26
CS 467060	135	60
CS 467075	169	75
CS 467090	202	90
CS 467125	281	125
-	-	-
-	-	-
-	-	-
-	-	-

Winding Information

AWG Wire		Single Layer		AWB Wire		Single Layer	
No.	Dia. (cm)	Turns	Rdc, $\mu$	No.	Dia. (cm)	Turns	Rdc, $\mu$
10	0.267	22	0.0488	19	0.0785	64	0.104
11	0.238	25	0.0688	20	0.0701	71	0.146
12	0.213	28	0.0966	21	0.0632	80	0.205
13	0.190	31	0.0136	22	0.0566	90	0.290
14	0.171	35	0.0189	23	0.0505	100	0.403
15	0.153	40	0.0267	24	0.0452	112	0.567
16	0.137	45	0.0375	25	0.0409	125	0.798
17	0.122	50	0.0526	26	0.0366	140	1.13
18	0.109	57	0.0740	27	0.0330	155	1.57

Core Dimensions

		OD(max)	ID(min)	HT(max)
Before coating	(mm)	46.74	24.13	18.03
	(inch)	1.840	0.950	0.710
After coating	(mm)	47.60	23.30	18.92
	(inch)	1.875	0.918	0.745

Magnetic Dimensions

Cross Section (A)	Path Length ( $\Gamma$ )	Window Area (W <sub>a</sub> )	Volume (V)	Weight
1.990 cm <sup>2</sup>	10.74 cm	4.27 cm <sup>2</sup>	21.373 cm <sup>3</sup>	131 gm
0.308 in <sup>2</sup>	4.23 in	842.700 cmil	1.303 in <sup>3</sup>	4.6 oz



# CS468

## Sendust Cores OD 46.74mm/1.840inch



Available Cores

Part No.	$A_L$ (nH/N <sup>2</sup> )	Perm.
CS 468060	37	26
CS 468060	86	60
CS 468075	107	75
CS 468090	128	90
CS 468125	178	125
-	-	-
-	-	-
-	-	-
-	-	-

Winding Information

AWG Wire		Single Layer		AWB Wire		Single Layer	
No.	Dia. (cm)	Turns	Rdc, $\mu$	No.	Dia. (cm)	Turns	Rdc, $\mu$
10	0.267	26	0.00505	19	0.0980	77	0.104
11	0.238	30	0.00708	20	0.0879	86	0.146
12	0.213	34	0.0099	21	0.0785	96	0.205
13	0.190	38	0.0139	22	0.0701	108	0.290
14	0.171	43	0.0193	23	0.0632	120	0.402
15	0.153	48	0.0270	24	0.0566	134	0.565
16	0.137	54	0.0380	25	0.0505	150	0.795
17	0.122	61	0.0530	26	0.0452	168	1.12
18	0.109	68	0.0745	27	0.0409	186	1.56

Core Dimensions

		OD(max)	ID(min)	HT(max)
Before coating	(mm)	46.74	28.70	15.24
	(inch)	1.840	1.130	0.600
After coating	(mm)	47.60	27.90	16.13
	(inch)	1.875	1.098	0.635

Magnetic Dimensions

Cross Section (A)	Path Length ( $\Gamma$ )	Window Area (W <sub>a</sub> )	Volume (V)	Weight
1.340 cm <sup>2</sup>	11.63 cm	6.11 cm <sup>2</sup>	15.584 cm <sup>3</sup>	94 gm
0.208 in <sup>2</sup>	4.58 in	1.206.000 cmil	0.9526 in <sup>3</sup>	3.3 oz

# CS571

## Sendust Cores OD 57.15mm/2.250inch



### Available Cores

Part No.	$A_L$ (nH/N <sup>2</sup> )	Perm.
CS 571026	60	26
CS 571060	138	60
CS 571075	172	75
CS 571090	206	90
CS 571125	287	125
-	-	-
-	-	-
-	-	-
-	-	-

### Winding Information

AWG Wire		Single Layer		AWB Wire		Single Layer	
No.	Dia. (cm)	Turns	Rdc, $\mu$	No.	Dia. (cm)	Turns	Rdc, $\mu$
10	0.267	26	0.00551	19	0.0980	78	0.133
11	0.238	30	0.00801	20	0.0879	88	0.189
12	0.213	34	0.0115	21	0.0785	99	0.269
13	0.190	39	0.0165	22	0.0701	111	0.381
14	0.171	43	0.0230	23	0.0632	124	0.534
15	0.153	49	0.0330	24	0.0566	138	0.752
16	0.137	55	0.0469	25	0.0505	156	1.07
17	0.122	62	0.0664	26	0.0452	174	1.51
18	0.109	70	0.0948	27	0.0409	193	2.10

### Core Dimensions

		OD(max)	ID(min)	HT(max)
Before coating	(mm)	57.15	26.39	15.24
	(inch)	2.250	1.039	0.600
After coating	(mm)	58.00	25.60	16.10
	(inch)	2.285	1.007	0.635

### Magnetic Dimensions

Cross Section (A)	Path Length ( $\Gamma$ )	Window Area (W <sub>a</sub> )	Volume (V)	Weight
2.29 cm <sup>2</sup>	12.5 cm	5.14 cm <sup>2</sup>	28.6 cm <sup>3</sup>	166 gm
0.355 in <sup>2</sup>	4.93 in	1.014.049 cmil	1.75 in <sup>3</sup>	5.9 oz

# CS572

## Sendust Cores OD 57.15mm/2.250inch



### Available Cores

Part No.	AL (nH/N <sup>2</sup> )	Perm.
CS 572026	33	26
CS 572060	75	60
CS 572075	94	75
CS 572090	112	90
CS 572125	156	125
-	-	-
-	-	-
-	-	-
-	-	-

### Winding Information

AWG Wire		Single Layer		AWB Wire		Single Layer	
No.	Dia. (cm)	Turns	Rdc, $\mu$	No.	Dia. (cm)	Turns	Rdc, $\mu$
10	0.267	37	0.00644	19	0.0980	108	0.152
11	0.238	42	0.00920	20	0.0879	120	0.211
12	0.213	48	0.0133	21	0.0785	135	0.300
13	0.190	54	0.0188	22	0.0701	152	0.428
14	0.171	60	0.0263	23	0.0632	169	0.596
15	0.153	68	0.0376	24	0.0566	189	0.845
16	0.137	76	0.0531	25	0.0505	212	1.19
17	0.122	85	0.0746	26	0.0452	237	1.69
18	0.109	96	0.107	27	0.0409	263	2.35

### Core Dimensions

		OD(max)	ID(min)	HT(max)
Before coating	(mm)	57.15	35.56	13.97
	(inch)	2.250	1.400	0.550
After coating	(mm)	58.00	34.70	14.86
	(inch)	2.285	1.368	0.585

### Magnetic Dimensions

Cross Section (A)	Path Length ( $\Gamma$ )	Window Area (Wa)	Volume (V)	Weight
1.444 cm <sup>2</sup>	14.30 cm	9.48 cm <sup>2</sup>	20.65 cm <sup>3</sup>	127 gm
0.224 in <sup>2</sup>	5.63 in	1.871.000 cmil	1.261 in <sup>3</sup>	4.5 oz

# CS610

## Sendust Cores

OD 62.0mm/2.44inch



Available Cores

Part No.	$A_L$ (nH/N <sup>2</sup> )	Perm.
CS 610026	83	26
CS 610060	192	60
CS 610075	240	75
CS 610090	288	90
CS 610125	400	125
-	-	-
-	-	-
-	-	-
-	-	-

Winding Information

AWG Wire		Single Layer		AWB Wire		Single Layer	
No.	Dia. (cm)	Turns	Rdc, $\mu$	No.	Dia. (cm)	Turns	Rdc, $\mu$
10	0.267	N.A		19	0.0980	N.A	
11	0.238			20	0.0879		
12	0.213			21	0.0785		
13	0.190			22	0.0701		
14	0.171			23	0.0632		
15	0.153			24	0.0566		
16	0.137			25	0.0505		
17	0.122			26	0.0452		
18	0.109			27	0.0409		

Core Dimensions

		OD(max)	ID(min)	HT(max)
Before coating	(mm)	62.0	32.6	25.0
	(inch)	2.441	1.283	0.984
After coating	(mm)	63.1	31.37	26.27
	(inch)	2.484	1.235	1.034

Magnetic Dimensions

Cross Section (A)	Path Length ( $\Gamma$ )	Window Area (W <sub>a</sub> )	Volume (V)	Weight
3.675 cm <sup>2</sup>	14.37 cm	7.73 cm <sup>2</sup>	52.81 cm <sup>3</sup>	304 gm
0.570 in <sup>2</sup>	5.66 in	1.525.610 cmil	3.223 in <sup>3</sup>	10.69 oz

# CS740

## Sendust Cores OD 74.1mm/2.917inch



Available Cores

Part No.	$A_L$ (nH/N <sup>2</sup> )	Perm.
CS 740026	89	26
CS 740060	206	60
CS 740075	257	75
CS 740090	309	90
CS 740125	429	125
-	-	-
-	-	-
-	-	-
-	-	-

Winding Information

AWG Wire		Single Layer		AWB Wire		Single Layer	
No.	Dia. (cm)	Turns	Rdc, $\mu$	No.	Dia. (cm)	Turns	Rdc, $\mu$
10	0.267	N.A		19	0.0980	N.A	
11	0.238			20	0.0879		
12	0.213			21	0.0785		
13	0.190			22	0.0701		
14	0.171			23	0.0632		
15	0.153			24	0.0566		
16	0.137			25	0.0505		
17	0.122			26	0.0452		
18	0.109			27	0.0409		

Core Dimensions

		OD(max)	ID(min)	HT(max)
Before coating	(mm)	74.1	45.3	35.0
	(inch)	2.917	1.783	1.378
After coating	(mm)	75.2	44.07	36.27
	(inch)	2.961	1.735	1.428

Magnetic Dimensions

Cross Section (A)	Path Length ( $\Gamma$ )	Window Area (W <sub>a</sub> )	Volume (V)	Weight
5.040 cm <sup>2</sup>	18.38 cm	15.25 cm <sup>2</sup>	92.64 cm <sup>3</sup>	519 gm
0.781 in <sup>2</sup>	7.24 in	3.009.310 cmil	5.653 in <sup>3</sup>	18.25 oz

# CS777

## Sendust Cores

OD 77.8mm/3.063inch



### Available Cores

Part No.	$A_L$ (nH/N <sup>2</sup> )	Perm.
CS 777026	30	26
CS 777060	68	60
CS 777075	85	75
CS 777090	102	90
CS 777125	142	125
-	-	-
-	-	-
-	-	-
-	-	-

### Winding Information

AWG Wire		Single Layer		AWB Wire		Single Layer	
No.	Dia. (cm)	Turns	Rdc, $\mu$	No.	Dia. (cm)	Turns	Rdc, $\mu$
10	0.267	53	0.0113	19	0.0980	150	0.258
11	0.238	60	0.0162	20	0.0879	168	0.364
12	0.213	67	0.0228	21	0.0785	188	0.514
13	0.190	76	0.0325	22	0.0701	211	0.732
14	0.171	84	0.0454	23	0.0632	235	1.02
15	0.153	95	0.0646	24	0.0566	263	0.30
16	0.137	106	0.0912	25	0.0505	295	1.84
17	0.122	119	0.129	26	0.0452	330	2.61
18	0.109	134	0.183	27	0.0409	365	3.62

### Core Dimensions

		OD(max)	ID(min)	HT(max)
Before coating	(mm)	77.80	49.23	12.70
	(inch)	3.063	1.938	0.50
After coating	(mm)	78.90	48.0	13.97
	(inch)	3.108	1.888	0.550

### Magnetic Dimensions

Cross Section (A)	Path Length ( $\Gamma$ )	Window Area (W <sub>a</sub> )	Volume (V)	Weight
1.770 cm <sup>2</sup>	20.0 cm	17.99 cm <sup>2</sup>	34.770 cm <sup>3</sup>	209 gm
0.274 in <sup>2</sup>	7.72 in	3.550.000 cm <sup>2</sup>	2.122 in <sup>3</sup>	7.4 oz