

Selected Cord & Cable Diameters

Type of Cord	AWG Size of Conductors	Number of Conductors Approximate O.D. in Inches		
		2 Conductor	3 Conductor	4 Conductor
SVO, SVTO	18	.235	.255	
SJ, SJO, SJT, SJTO	18	.290	.320	.335
	16	.320	.340	.385
	14	.350	.375	.415
	12	.430	.445	.500
	10	.560	.600	.680
S, SO, ST, STO	18	.345	.365	.390
	16	.370	.390	.415
	14	.500	.530	.570
	12	.575	.600	.650
	10	.625	.660	.710
	8	.675	.725	.780
	6	.795	.865	.900
	4	.900	.975	1.100
	2	1.105	1.170	1.290
W	6	.930	1.010	1.100
	4	1.080	1.170	1.270
	3	1.170	1.240	1.340
	2	1.270	1.340	1.480
	1	1.440	1.510	1.680
	1/0	1.520	1.650	1.790
	2/0	1.650	1.750	1.930
	3/0	1.770	1.890	2.070
	4/0	1.920	2.040	2.260
	250	—	2.390	—
Bus Drop Cable	14	—	.400	—
	12	—	.440	—
	10	—	.500	—
	8	—	.665	—
	6	—	.815	—
	4	—	.955	—
	2	—	1.175	—

Fraction/Decimal/Metric Conversion

Fraction	Decimal	Mm	
—	1/64	0.0156	0.397
1/32	—	0.0312	0.794
—	3/64	0.0469	1.191
1/16	—	0.0625	1.588
—	5/64	0.0781	1.984
3/32	—	0.0938	2.381
—	7/64	0.1094	2.778
1/8	—	0.1250	3.175
—	9/64	0.1406	3.572
5/32	—	0.1562	3.969
—	11/64	0.1719	4.366
3/16	—	0.1875	4.762
—	13/64	0.2031	5.159
7/32	—	0.2188	5.556
—	15/64	0.2344	5.953
1/4	—	0.2500	6.350
—	17/64	0.2656	6.747
7/32	—	0.2812	7.144
—	19/64	0.2969	7.541
5/16	—	0.3125	7.938
—	21/64	0.3281	8.334
11/32	—	0.3438	8.731
—	23/64	0.3594	9.128
3/8	—	0.3750	9.525
—	25/64	0.3906	9.922
13/32	—	0.4062	10.319
—	27/64	0.4219	10.716
7/16	—	0.4375	11.112
—	29/64	0.4531	11.509
15/32	—	0.4688	11.906
—	31/64	0.4844	12.303
1/2	—	0.5000	12.700
—	33/64	0.5156	13.097
17/32	—	0.5312	13.494
—	35/64	0.5469	13.891
9/16	—	0.5625	14.288
—	37/64	0.5781	14.684
19/32	—	0.5938	15.081
—	39/64	0.6094	15.478
5/8	—	0.6250	15.875
—	41/64	0.6406	16.272
21/32	—	0.6562	16.669
—	43/64	0.6719	17.066
11/16	—	0.6875	17.462
—	45/64	0.7031	17.859
23/32	—	0.7188	18.256
—	47/64	0.7344	18.653
3/4	—	0.7500	19.050
—	49/64	0.7656	19.447
25/32	—	0.7812	19.844
—	51/64	0.7969	20.241
—	53/64	0.8281	21.034
27/32	—	0.8438	21.431
—	55/64	0.8594	21.828
7/8	—	0.8750	22.225
—	57/64	0.8906	22.622
29/32	—	0.9062	23.019
—	59/64	0.9219	23.416
15/16	—	0.9375	23.812
—	61/64	0.9531	24.209
31/32	—	0.9688	24.606
—	63/64	0.9844	25.003

Flexible Electrical Cord or Cable to Cord Grip Selection Table

Type Cord SJ-SJT0 SJO	Cord OD	Hub Size	Straight Cord Grip Number	Alternate Straight Number	90° Cord Grip Number	45° Cord Grip Number
—	.125-.188	½"	RSR-1003	RSR-103	RSR-9103	RSR-45103
—	.125-.188	¾"	RSR-2103			
—	.188-.250	½"	RSR-1004	RSR-104	RSR-9104	RSR-45104
—	.188-.250	¾"	RSR-2104			
18/2	.290	½"	RSR-1005	RSR-105	RSR-9105	RSR-45105
18/2	.290	¾"	RSR-2105			
18/3	.320	½"	RSR-1006	RSR-106	RSR-9106	RSR-45106
18/3	.320	¾"	RSR-2106			
18/4	.335	½"	RSR-1006	RSR-106	RSR-9106	RSR-45106
18/4	.335	¾"	RSR-2106			
16/2	.320	½"	RSR-1006	RSR-106	RSR-9106	RSR-45106
16/2	.320	¾"	RSR-2106			
16/3	.340	½"	RSR-1006	RSR-106	RSR-9106	RSR-45106
16/3	.340	¾"	RSR-2106			
16/4	.385	½"	RSR-1007	RSR-107	RSR-9107	RSR-45107
16/4	.385	¾"	RSR-2107			
14/2	.350	½"	RSR-1006	RSR-106	RSR-9106	RSR-45106
14/2	.350	¾"	RSR-2106			
14/3	.375	½"	RSR-1007	RSR-107	RSR-9107	RSR-45107
14/3	.375	¾"	RSR-2107			
14/4	.415	½"	RSR-1007	RSR-107	RSR-9107	RSR-45107
14/4	.415	¾"	RSR-2107			
Type Cord S-SO STO						
18/2	.345	½"	RSR-1006	RSR-106	RSR-9106	RSR-45106
18/2	.345	¾"	RSR-2106			
18/3	.365	½"	RSR-1006	RSR-106	RSR-9106	RSR-45106
18/3	.365	¾"	RSR-2106			
18/4	.390	½"	RSR-1007	RSR-107	RSR-9107	RSR-45107
18/4	.390	¾"	RSR-2107			
16/2	.370	½"	RSR-1006	RSR-106	RSR-9106	RSR-45106
16/2	.370	¾"	RSR-2106			
16/3	.390	½"	RSR-1007	RSR-107	RSR-9107	RSR-45107
16/3	.390	¾"	RSR-2107			
16/4	.415	½"	RSR-107	RSR-1207	RSR-9107	RSR-45107
16/4	.415	¾"	RSR-2107			
14/2	.500	½"	RSR-109	RSR-1209	RSR-9109	RSR-45109
14/2	.500	¾"	RSR-2109	RSR-209	RSR-9209	RSR-45209
14/2	.500	1"	RSR-309		RSR-9309	RSR-45309
14/3	.530	½"	RSR-109	RSR-1209	RSR-9109	RSR-45109
14/3	.530	¾"	RSR-2109	RSR-209	RSR-9209	RSR-45209
14/3	.530	¾"	RSR-209		RSR-9210	RSR-45210
14/3	.530	1"	RSR-309	RSR-310	RSR-9309	RSR-45309
14/4	.570	½"	RSR-110	RSR-1211	RSR-9110	RSR-45110
14/4	.570	¾"	RSR-2110	RSR-211	RSR-9210	RSR-45210
14/4	.570	1"	RSR-310	RSR-311	RSR-9310	RSR-45310
12/2	.575	½"	RSR-110	RSR-1210	RSR-9110	RSR-45110
12/2	.575	¾"	RSR-2110	RSR-210	RSR-9210	RSR-45210
12/2	.575	1"	RSR-310		RSR-9310	RSR-45310
12/3	.600	½"	RSR-110	RSR-1210	RSR-9110	RSR-45110

Type Cord S-STO SO	Cord OD	Hub Size	Straight Cord Grip Number	Alternate Straight Number	90° Cord Grip Number	45° Cord Grip Number
12/3	.600	¾"	RSR-2110	RSR-210	RSR-9210	RSR-45210
12/3	.600	1"	RSR-310	RSR-310	RSR-9310	RSR-45310
12/4	.650	½"	RSR-1211			
12/4	.650	¾"	RSR-211	RSR-2311	RSR-9211	RSR-45211
12/4	.650	1"	RSR-311		RSR-9311	RSR-45311
10/2	.625	½"	RSR-1211			
10/2	.625	¾"	RSR-211	RSR-2311	RSR-9211	RSR-45211
10/2	.625	1"	RSR-311		RSR-9311	RSR-45311
10/3	.660	½"	RSR-1211			
10/3	.660	¾"	RSR-211	RSR-2311	RSR-9211	RSR-45211
10/3	.660	1"	RSR-311		RSR-9311	RSR-45311
10/4	.710	½"	RSR-1212			
10/4	.710	¾"	RSR-212	RSR-2312	RSR-9212	RSR-45212
10/4	.710	1"	RSR-312		RSR-9312	RSR-45312
8/2	.675	½"	RSR-1211			
8/2	.675	¾"	RSR-211	RSR-2311	RSR-9211	RSR-45211
8/2	.675	1"	RSR-311		RSR-9311	RSR-45311
8/3	.725	½"	RSR-1212			
8/3	.725	¾"	RSR-212	RSR-2312	RSR-9212	RSR-45212
8/3	.725	1"	RSR-312		RSR-9312	RSR-45312
8/4	.780	½"	RSR-1213			
8/4	.780	¾"	RSR-213	RSR-2313	RSR-9213	RSR-45213
8/4	.780	1"	RSR-313	RSR-3514	RSR-9313	RSR-45313
8/4	.780	1¼"	RSR-414		RSR-9414	RSR-45414
8/4	.780	1½"	RSR-514		RSR-9514	RSR-45514
6/2	.795	1"	RSR-313	RSR-3514	RSR-9313	RSR-45313
6/2	.795	1¼"	RSR-414		RSR-9414	RSR-45414
6/2	.795	1½"	RSR-514		RSR-9514	RSR-45514
6/3	.865	1"	RSR-314	RSR-3514	RSR-9314	RSR-45314
6/3	.865	1¼"	RSR-414		RSR-9414	RSR-45414
6/3	.865	1½"	RSR-514		RSR-9514	RSR-45514
6/4	.900	1"	RSR-315	RSR-3516	RSR-9315	RSR-45315
6/4	.900	1¼"	RSR-416		RSR-9416	RSR-45416
6/4	.900	1½"	RSR-516		RSR-9516	RSR-45516
4/3	.975	1"	RSR-3516			
4/3	.975	1¼"	RSR-416		RSR-9416	RSR-45416
4/3	.975	1½"	RSR-516		RSR-9516	RSR-45516
4/4	1.100	1"	RSR-3518			
4/4	1.100	1¼"	RSR-418		RSR-9418	RSR-45418
4/4	1.100	1½"	RSR-518		RSR-9518	RSR-45518
2/3	1.170	1"	RSR-3520			
2/3	1.170	1¼"	RSR-420		RSR-9420	RSR-45420
2/3	1.170	1½"	RSR-520		RSR-9520	RSR-45520
2/4	1.290	1"	RSR-3522			
2/4	1.290	1¼"	RSR-422		RSR-9422	RSR-45422
2/4	1.290	1½"	RSR-522		RSR-9522	RSR-45522

If a Mesh Grip is required, add letter "E" to end of Remke part number. This chart is based on the cable diameters shown. The actual diameter of the cable being used may require the next larger or smaller cord grip bushing.

Cable diameters vary between manufacturers and because cable manufacturers must allow tolerance, their published data should be checked.

Note: The bushing I.D. should be larger than, but as close as possible to, the cable O.D.