

## Round Speaker Wire CL3

300V, 75°C, CL3 Round Speaker Wire



Image not to scale. See Table 1 for dimensions.

### CONSTRUCTION:

1. **Conductor:** Bare copper Class K stranding per ASTM B172
2. **Insulation:** Polyvinyl Chloride PVC
3. **Rip Cord:** Rip cord for ease of jacket removal
4. **Jacket:** White Polyvinyl Chloride PVC.

### APPLICATIONS AND FEATURES:

Remote Control, Signalling, and Power-Limited circuits per NEC Article 725. 22AWG - 16 AWG also as communication circuits per NEC Article 800. Security, sound and audio, speaker cable, public address, intercom, sound reinforcement, alarm and access control circuits and power-limited controls.

- Flame Test: UL 1666
- Cable Type: CL3, Direct Burial Rating
- Voltage: 300 Volts
- Temperature: 75°C

### SPECIFICATIONS:

- ASTM B8 Concentric-Lay-Stranded Copper Conductors
- UL 13 Power-Limited Circuit Cables
- UL 444 Communications Cables (90°C, 300V)

### SAMPLE PRINT LEGEND:

{SQFTG} SOUTHWIRE® SIGNAL® XX AWG X/C C(ETL)US TYPE CM/CL3/FPL/PLTC DIRECT BURIAL AUDIO CABLE SUN RES  
-- TYPE CMH FT1





**Table 1 – Physical and Electrical Data**

Stock Number	Cond. Size	Cond. Number	Cond. Strands	Diameter Over Cond.	Jacket Thickness	Approx. OD	Copper Weight	Approx. Weight	DC Resistance @ 25°C	AC Resistance @ 75°C	Inductive Reactance
	AWG	No.	strands	inch	mil	inch	lb /1000ft	lb /1000ft	Ω /1000ft	Ω /1000ft	Ω/1000ft
<b>16 AWG</b>											
94762	16	2	65	0.059	20	0.192	16	24	4.487	5.406	0.033
94562	16	2	65	0.059	20	0.196	16	25	4.487	5.406	0.033
94662	16	2	26	0.059	20	0.198	16	25	4.487	5.406	0.033
94764	16	4	65	0.059	20	0.223	32	43	4.487	5.406	0.033
94564	16	4	65	0.059	20	0.228	32	44	4.487	5.406	0.033
94664	16	4	26	0.059	20	0.230	32	45	4.487	5.406	0.033
<b>14 AWG</b>											
94742	14	2	105	0.073	20	0.222	26	35	2.814	3.391	0.058
94642	14	2	41	0.073	20	0.238	25	37	2.814	3.391	0.058
94542	14	2	105	0.073	20	0.238	26	38	2.814	3.391	0.058
94744	14	4	105	0.073	20	0.259	52	65	2.814	3.391	0.058
94644	14	4	41	0.073	20	0.279	51	68	2.814	3.391	0.058
94544	14	4	105	0.073	20	0.279	52	70	2.814	3.391	0.058
<b>12 AWG</b>											
94722	12	2	168	0.094	20	0.278	41	66	1.774	2.137	0.054

All dimensions are nominal and subject to normal manufacturing tolerances  
 ◇ Cable marked with this symbol is a standard stock item

