



## Flat Speaker Wire CL3

300V, 75°C, Flat Speaker Wire CL3



Image not to scale. See Table 1 for dimensions.

### CONSTRUCTION:

1. **Conductor:** One bare copper and One Tinned copper. Class K stranding sizes 18 and 16 AWG. Class M stranding sizes 14 and 12 AWG
2. **Insulation:** Clear Polyvinyl Chloride PVC

### APPLICATIONS AND FEATURES:

Southwire stranded clear speaker, polarized for use in internal audio wiring

- Flame Test: UL 1666
- Cable Type: CL3R, Also, CMR where UL permits (Sizes 16 AWG and smaller)
- 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:

SOUTHWIRE® 94605 16 AWG 2/C {ETL}US TYPE CL3 {SEQUENTIAL FOOTAGE MARKS} SEQ FEET





**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
22 AWG											
94600	22	2	7	0.029	20	0.073 x 0.156	4	8	16.72	20.15	0.030
18 AWG											
94603	18	2	16	0.044	20	0.090 x 0.200	9	15	7.148	8.613	0.036
16 AWG											
94605	16	2	26	0.059	20	0.105 x 0.230	16	22	4.487	5.406	0.033
94616	16	2	65	0.059	30	0.126 x 0.266	16	26	4.487	5.406	0.033
14 AWG											
569119	14	2	41	0.073	40	0.132 x 0.228	26	37	2.814	3.391	0.058
94614	14	2	105	0.073	40	0.157 x 0.360	26	42	2.814	3.391	0.058
12 AWG											
94612	12	2	168	0.094	45	0.193 x 0.410	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

