

Type SC Entertainment Cable

Type SC Entertainment Cable. 600 Volts. Extra Flexible Copper Conductors. Water and Sunlight Resistant. Designed to Withstand Severe Environmental Conditions. 105°C to -40°C. Listed for Indoor or Outdoor Use. Flame Retardant. Provides Flexibility, Resistance to Oil, Solvents, Ozone, Aging, and Abrasion.



APPLICATIONS

Portable power and lighting applications in the entertainment industry including activities such as theatre, television, night clubs, motion pictures, mobile communication vans, spotlights, sound systems, and other applications that would require temporary power. Southwire Type SC cables are rated for 600 volts and provide excellent flexibility, resistance to oil, solvents, ozone, aging, abrasion and are flame retardant. SC Cables are designed to withstand exposure to oil, acids, alkalies, heat, flame, moisture, and chemicals and may be submerged in water.

SPECIFICATIONS

- UL listed Type SC per UL 1680
- CSA Certified as Type PPC
- OSHA Acceptable
- 105°C (-40°C) 600V
- For use in accordance with NEC Articles 520, 525, and 530, indoor and outdoor locations
- Suitable for continuous submersion in water
- Flame Test: meets FT-1, FT-5

CONSTRUCTION

Southwire Type SC Entertainment Cables are manufactured using sizes 6 AWG through 4/0 AWG fully annealed stranded bare copper conductors per ASTM B-172. A polyester or paper tape separates the copper conductor from the jacket. The black CPE thermoset jacket is a special single layer construction.

A green CPE jacket is also available on size 6 AWG.

Type SC Entertainment Industry and Stage Lighting Cable

WEIGHTS, MEASUREMENTS AND PACKAGING

SIZE (AWG)	NOMINAL STRAND	NOMINAL OVERALL DIAMETER		APPROX. NET WEIGHT LBS/M**	CURRENT AMPS**
		INCHES	mm		
6 ¹	259x30	0.335	10.92	173	105
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4	413x30	0.380	12.06	205	140
2	651x30	0.480	14.22	332	190
1	826x30	0.520	14.73	370	220
1/0	1044x30	0.580	16.13	478	260
2/0	1308x30	0.620	16.89	518	300
3/0	1653x30	0.685	17.53	726	350
4/0	2071x30	0.735	19.81	783	405

¹ Actual shipping weight may vary
 With Green CPE Insulation
 ** Table 400-5(B) NEC



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