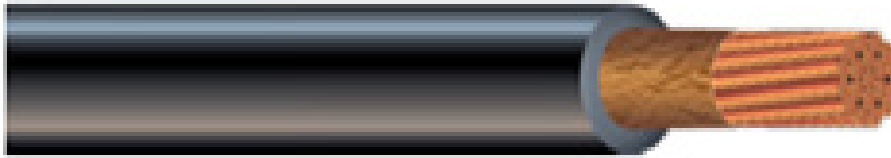


Cablcon SC Temporary Power Cable is an extra flexible copper cable designed to carry high currents for stable and reliable power. Suitable for portable power and lighting applications in the entertainment industry including activities such as theater, television, night clubs, motion pictures, mobile communication vans, spotlights, sound systems, and other applications that would require temporary power.



Applications

- Designed to withstand exposure to oil, acids, alkalines, heat, flame, moisture, chemicals, and may be submerged in water
- Ideal for lighting systems
- Suitable for environments requiring:
 - Continuous submersion in water
 - Indoor or outdoor use
 - High flexibility
 - Water, sunlight and oil resistance
 - Oil, solvent, ozone, aging, abrasion and flame retardance

Features

- Voltage: 600V
- Temperature Ratings: -40°C - 105°C
- Flame Performance: FT-1 / FT-5

Construction

- Conductor: Fully annealed stranded bare copper conductors
- Insulation: Black CPE thermoset insulation is a special single layer construction
- Binder Tape: Polyester or paper tape separates the copper conductor from the insulation

Standards & Certifications

- Made in America / Build America and Buy America Act (BABA)
- ASTM B-172
- UL® 1680
- CSA Certified as Type PPC
- OSHA Acceptable
- NEC Articles 520, 525, and 530

Weights & Measurements

Part Number	Stock Number	Cond. Size (AWG/Kcmil)	Color	Diameter Over Conductor (in)	Conductor Stranding	Insulation Thickness (mils)	Approx. OD (in)	Overall Weight (lbs/1000ft)
SC08B168-X	570057	8	BK	0.162	168	60	0.285	78
SC06B259-X	559266	6	BK	0.179	259	70	0.325	123
SC04B420-X	558115	4	BK	0.23	420	65	0.37	171
SC02B665-X	558113	2	BK	0.301	665	85	0.474	273
SC1/0B1064-X	558112	1/0	BK	0.368	1064	100	0.575	426

* All dimensions are nominal and subject to normal manufacturing tolerances

* TBA stock codes are estimations only and actual product may vary. Please wait until a stock code is assigned to purchase connectors and/or fittings.

Electrical and Engineering Data

Part Number	Cond. Size (AWG/Kcmil)	Min. Bend Radius (in)	Max Pull Tension (lbs)	DC Resistance at 25°C (Ω/1000ft)	AC Resistance at 75°C (Ω/1000ft)	Allowable Ampacity Raceway 75°C (Amp)	Allowable Ampacity Raceway 90°C (Amp)
SC08B168-X	8	1.1	132	0.715	0.93	70	80
SC06B259-X	6	1.3	210	0.449	0.585	95	105
SC04B420-X	4	1.5	334	0.283	0.368	125	140
SC02B665-X	2	1.9	531	0.179	0.234	170	190
SC1/0B1064-X	1/0	2.3	845	0.113	0.147	230	260

*Ampacities based upon 2023 NEC Table 310.16. Also, see NEC sections 310.15 and 110.14(C) for additional requirements.