



Type SC Stage / Lighting Cable

Royal® Type SC stage and lighting cables for the entertainment industry provide superior physical and electrical characteristics in the presence of water, oils and chemicals. An ethylene propylene (EP) and chlorinated polyethylene (CPE) blend provides extended service life in harsh environments. These cables exceed the UL and CSA requirements for abrasion, impact and crushing. The flexible Class K stranding (30 AWG) assures flexibility in tight spaces.

Features

- Meets/exceeds flame test requirements of UL, CSA, and MSHA
- Sunlight, water, ozone and abrasion, acids, alkalis, heat, flame, and chemical resistant
- High strand count bare copper conductor provides superior flexibility
- Wet rated 60°C

Applications

- Temporary power supply cable used in the entertainment industry such as television, sound stages, concert venues, and outdoor areas
- Portable lighting systems used on movie production sets, theaters, and stages
- Entertainment Industry Stage Lighting Cable (EISL)

Constructions

- 8 AWG – 4/0 AWG fully annealed stranded bare copper
- Class K stranding per ASTM B 174
- EPDM/CPE insulation/jacket

Specifications & Standards

- UL Subject 1680
- CSA C22.2 No. 96
- NEC Article 520, 525 & 530
- CEC Part I, Table 11
- RoHS



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-50°C to 105°C 600V UL Type SC & CSA Type PPC

Part Number	Gauge	Stranding	Nom. OD		Weight		Amps*
			(in)	(mm)	(lbs./mft)	(kg/km)	
16101	8	168/30	0.401	10.19	119	177	80
16102	6	266/30	0.423	10.74	154	229	105
16103	4	420/30	0.492	12.50	223	332	140
16104	2	665/30	0.538	13.67	306	455	190
16105	1	833/30	0.598	15.19	380	566	220
16106	1/0	1064/30	0.620	15.75	447	665	260
16107	2/0	1330/30	0.694	17.63	582	866	300
16108	3/0	1672/30	0.778	19.76	738	1098	350
16109	4/0	2109/30	0.813	20.65	887	1320	405

* Max amps per NEC Table 400.5(B) for 90°C

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* Colors available upon request

† Legend: CCI ROYAL XX AWG (XXMM2) TYPE SC E# (UL) 600V -50C TO 105C DRY 60C WET
OIL RES 60C -- 156016 CSA TYPE PPC 600V -50C TO 105C FT-5 SUN RES

