



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

1530 Shields Drive
 Waukegan, IL 60085
 Toll-Free (800) 323-9355
 Fax: (847) 689-1192

Royal[®] Stage/Lighting Cable

Construction Parameters:

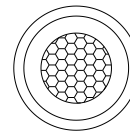
CONDUCTOR: 8 AWG - 4/0 AWG stranded bare copper
INSULATION: EPDM
COLOR CODE: Black
JACKET: CPE
Color: Black
PRINT LEGEND: CCI ROYAL XX AWG (XX mm²) TYPE SC E148963 (UL) 600V -50C TO 105C DRY 60C WET OIL RES 60C -- 156016 CSA TYPE PPC 600V -50C TO 105C FT-5 SUN RES

PHYSICAL PROPERTIES:

TEMPERATURE RANGE: -50°C to 105°C Dry, 60C Wet

ELECTRICAL PROPERTIES:

VOLTAGE RATING: 600V rms, Max



Industry Approvals:

- o ASTM B-174
- o UL 1680, 600V, Oil Resistant
- o CSA C22.2 No. 96, PPC, 600V
- o Flame Tests: CSA FT-5
- o CEC Part 1, Table II
- o EPA 40 CFR, Part 26, Subpart C, heavy metals per Table 1, TCLP method

| Part Number | Gauge | No. Cond. | Stranding | Insulation Wall, Nom. | | O.D., Nom. | | Net Weight | | Amps* | Nom. DCR Ω/1M' |
|-------------|-------|-----------|-----------|-----------------------|------|------------|-------|------------|-------|-------|----------------|
| | | | | Inches | mm | Inches | mm | Lb./kft. | kg/km | | |
| 16101 | 8 | 1 | 163/30 | 0.062 | 1.57 | 0.420 | 10.67 | 126 | 188 | 80 | 0.78 |
| 16102 | 6 | 1 | 266/30 | 0.062 | 1.57 | 0.438 | 11.13 | 161 | 240 | 105 | 0.40 |
| 16103 | 4 | 1 | 420/30 | 0.062 | 1.57 | 0.488 | 12.40 | 222 | 330 | 140 | 0.25 |
| 16104 | 2 | 1 | 665/30 | 0.062 | 1.57 | 0.558 | 14.17 | 314 | 467 | 190 | 0.16 |
| 16105 | 1 | 1 | 836/30 | 0.062 | 1.57 | 0.588 | 14.94 | 374 | 557 | 220 | 0.12 |
| 16106 | 1/0 | 1 | 1064/30 | 0.062 | 1.57 | 0.626 | 15.90 | 455 | 677 | 260 | 0.10 |
| 16107 | 2/0 | 1 | 1330/30 | 0.062 | 1.57 | 0.678 | 17.22 | 548 | 816 | 300 | 0.08 |
| 16108 | 3/0 | 1 | 1672/30 | 0.062 | 1.57 | 0.768 | 19.51 | 671 | 999 | 350 | 0.06 |
| 16109 | 4/0 | 1 | 2109/30 | 0.062 | 1.57 | 0.828 | 21.03 | 852 | 1268 | 405 | 0.05 |

Note: All dimensions & weights are nominal subject to industry standards and tolerances unless otherwise noted.

* Ampacity values based on NEC Table 310.17 (90°C) & CEC Table 12A single conductor ≤ 2 kV column.

This product complies with European Directive 2002/95/EC (RoHS)
 The customer will accept all factory lengths and +/- 10 percent of total order requested.

The information presented here is, to the best of our knowledge, true and accurate. Since conditions of use are beyond Coleman Cable's control all product data presented is for informational purposes only and does not create a binding obligation or liability on Coleman Cable or confer any rights on any customer. The sale of products(s) is conditioned upon acceptance of a purchase order subject to Coleman disclaims all liability in connection with the use of information contained herein or otherwise.

This specification is proprietary intellectual property of Coleman Cable. Any information contained herein shall not be disclosed to any party without written consent of Coleman Cable.

Specification Issue Date: October 13, 2010