

ROYAL® SOOW CORD

600 Volt, 90°C Flexible Cord. Heat, Moisture and Oil Resistant EPDM Rubber Insulation and Heat, Moisture and Oil Resistant Flexible CPE Jacket, Non UL / Non CSA.

APPLICATIONS

Southwire Royal® Non UL/Non CSA SOOW cord is designed for use with industrial equipment, heavy tools, battery chargers, portable lights and power extensions, suitable for outdoor applications. The cable is rated -40°C to 90°C, sunlight, water, oil, and weather resistant. Southwire Type SOOW Flexible Cords are permitted for use as specified by Article 400 and related articles of the 2014 National Electrical Code.

SPECIFICATIONS

- ASTM B3, B174
- NEC 400
- MSHA
- Federal and Military Specification JC-580B
- RoHS-2 (European Directive 2011/65/EU)

CONSTRUCTION

1. Conductors: Class K stranded bare copper per ASTM B-174
2. Insulation: EPDM
3. Jacket: Black CPE (Other colors available upon request)

SAMPLE PRINT LEGEND

SOUTHWIRE® ROYAL® CORD X/C X AWG (X.XXmm²) SOOW 600V -40C TO 90C

SAMPLE INDENT LEGEND

P-07-KA070018-1 MSHA

PACKAGING

Standard lengths: 250', 500' and 1,000' reels. Other lengths available upon request.



The Power of Connections.™



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TABLE 1 - WEIGHTS & MEASUREMENTS

Stock Code	CCI Part Number	Cond. Size AWG	No. of Cond.	No. of Strands	Insulation Thickness (Inchs)	Insulation Thickness (mm)	Nominal OD (Inchs)	Nominal OD (mm)	Nominal Weight (Lbs/Mft)	Nominal Weight (kg/km)
569972	822220	8	2	133/0.0106	0.05	1.27	0.63	16.05	274	408
558088	822320	8	3	133/0.0106	0.05	1.27	0.65	16.38	302	449
558093	822420	8	4	133/0.0106	0.05	1.27	0.71	18.03	443	659
558105	822470	8	5	133/0.0106	0.05	1.27	0.83	21.18	506	753
569973	822221	6	2	133/0.0141	0.05	1.27	0.72	18.31	351	522
558092	822321	6	3	133/0.0141	0.05	1.27	0.73	18.44	468	696
558091	822421	6	4	133/0.0141	0.05	1.27	0.80	20.40	626	932
558161	822521	6	5	133/0.0141	0.06	1.40	0.94	23.80	780	1161
TBD	822222	4	2	133/0.0171	0.06	1.52	0.67	17.07	478	711
558137	822322	4	3	133/0.0171	0.05	1.27	0.82	20.93	664	988
558090	822422	4	4	133/0.0171	0.05	1.27	0.95	24.13	869	1293
569975	822552	4	5	133/0.0171	0.05	1.27	1.03	26.09	1032	1536
558136	822323	2	3	133/0.0220	0.05	1.27	0.98	24.87	1062	1580
558089	822423	2	4	133/0.0220	0.05	1.27	1.09	27.58	1286	1914
569976	822553	2	5	133/0.0220	0.05	1.27	1.32	33.60	1606	2390

TABLE 2 - ELECTRICAL AND ENGINEERING DATA

Stock Code	CCI Part Number	† Amps	Nom. DCR $\Omega/1M'$	Color Code
569972	822220	40	0.72	Black, White
558088	822320	40	0.72	Black, White, Green
558093	822420	35	0.72	Black, White, Red, Green
558105	822470	28	0.72	Black, White, Red, Green, Orange
569973	822221	55	0.4	Black, White
558092	822321	55	0.4	Black, White, Green
558091	822421	45	0.4	Black, White, Red, Green
558161	822521	36	0.4	Black, White, Red, Green, Orange
TBD	822222	70	0.4	Black, White
558137	822322	70	0.27	Black, White, Green
558090	822422	60	0.27	Black, White, Red, Green
569975	822552	48	0.27	Black, White, Red, Green, Orange
558136	822323	95	0.16	Black, White, Green
558089	822423	80	0.16	Black, White, Red, Green
569976	822553	64	0.16	Black, White, Red, Green, Orange

All dimensions are nominal and subject to nominal manufacturing tolerances

† Ampacities are based on TABLE 400.5(A) of the 2014 National Electrical Code and CEC Table 12.

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