



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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

Royal[®] USE-2

Construction Parameters:

CONDUCTOR: 14 AWG - 1000 MCM stranded bare copper
INSULATION: Cross-Linked Polyethylene (XLPE)
COLOR CODE: Black (other colors available upon request)
PRINT LEGEND: 14 AWG - 10 AWG:
 CCI ROYAL XX AWG (XX.X MM2) TYPE USE-2 OR RHH/RHW-2 E137927 (UL) 90C 600V VW-1 SUNLIGHT-RESISTANT -40C -- CSA 156016 RW90 90C 1000V PRI -40C FT1 FT4 (MONTH/YEAR) -- SEQUENTIAL MARKING

8 AWG -1 AWG:
 CCI ROYAL XX AWG (XX.X MM2) TYPE USE-2 OR RHH/RHW-2 E137927 (UL) 90C 600V GASOLINE AND OIL RESISTANT I/II VW-1 SUNLIGHT RESISTANT (MONTH/YEAR) -- SEQUENTIAL MARKING

1/0 AWG - 4/0 AWG:
 CCI ROYAL XX AWG (XX.X MM2) COMPACT COPPER TYPE USE-2 OR RHH/RHW-2 E137927 (UL) 90C 600V FOR CT USE GASOLINE AND OIL RESISTANT I/II VW-1 SUNLIGHT RESISTANT (MONTH/YEAR) -- SEQUENTIAL MARKING

250 MCM -1000 MCM:
 CCI ROYAL XX AWG (XX.X MM2) TYPE USE-2 OR RHH/RHW-2 E137927 (UL) 90C 600V FOR CT USE GASOLINE AND OIL RESISTANT I/II VW-1 SUNLIGHT RESISTANT (MONTH/YEAR) -- SEQUENTIAL MARKING

PHYSICAL PROPERTIES:

TEMPERATURE RANGE: -40°C to 90°C Dry, 90C Wet

ELECTRICAL PROPERTIES:

VOLTAGE RATING: 600V rms, Max

Industry Approvals:

- o ASTM B-8
- o UL 854 Type USE-2
- o UL 44 Type RHH/RHW-2
- o Sunlight Resistant
- o Oil & Gas Resistant I & II
- o For CT use: on 1/0 and larger
- o Flame Tests: VW-1
- o EPA 40 CFR, Part 26, Subpart C, heavy metals per Table 1, TCLP method

Part Number	Gauge, AWG, MCM	No. Cond.	Stranding	Insulation Wall, Nom.		O.D., Nom.		Net Weight		Amps*	Nom. DCR Ω/1M'
				Inches	mm	Inches	mm	Lb./kft.	kg/km		
19514	14	1	7/0.0242	0.050	1.27	0.175	4.45	23	34	35	2.58
19512	12	1	7/0.0305	0.046	1.17	0.189	4.80	32	48	40	1.62
19510	10	1	7/0.0385	0.046	1.17	0.213	5.41	47	70	55	1.02
19508	8	1	7/0.0486	0.063	1.59	0.279	7.10	76	113	80	0.64
19506	6	1	7/0.0612	0.063	1.60	0.312	7.93	111	165	105	0.40
19504	4	1	7/0.0772	0.067	1.70	0.349	8.86	165	246	140	0.25
19503	3	1	7/0.0867	0.064	1.57	0.388	9.55	204	304	165	0.21
19502	2	1	7/0.0974	0.064	1.63	0.416	10.57	248	369	190	0.16
19511	1	1	19/0.0664	0.085	2.08	0.498	12.40	320	476	220	0.12
19521	1/0	1	19/0.0745	0.085	2.16	0.514	13.06	393	585	260	0.10
19522	2/0	1	19/0.0837	0.085	2.17	0.555	14.09	488	726	300	0.08
19523	3/0	1	19/0.0940	0.086	2.08	0.603	15.70	604	899	350	0.06
19524	4/0	1	19/0.1055	0.090	2.29	0.660	16.76	741	1103	405	0.05
19525	250 MCM	1	37/0.0822	0.103	2.60	0.768	19.51	883	1314	455	0.04
19535	350 MCM	1	37/0.0974	0.107	2.72	0.878	22.30	1206	1795	570	0.03
19555	500 MCM	1	37/0.1162	0.105	2.66	1.002	25.44	1687	2511	700	0.02
19575	750 MCM	1	61/0.1109	0.122	3.10	1.218	30.93	2512	3738	885	0.01
19599	1000 MCM	1	61/0.1280	0.127	3.23	1.380	35.05	3390	5045	1055	0.01

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

* Ampacity values based on NEC Table 310.15(B)(17) (90 °C) single conductor in free air, 30 °C ambient.

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: April 2, 2012