

Anaconda® Brand Type W Power, Round Portable, EPR/CPE

2000 Volts 90°C, Four Conductor

Product Construction

Conductor:

- 6 AWG thru 500 kcmil coated annealed copper, bunched wires, rope-lay-stranded per ASTM B172

Insulation:

- Ethylene Propylene Rubber (EPR) insulation colored (black, white, red and green)

Jacket:

- Reinforced, two-layer, extra-heavy-duty, lead-cured Chlorinated Polyethylene (CPE)

Jacket Marking:

- GENERAL CABLE® ANACONDA® BRAND (SIZE), 4/C TYPE W 2000 VOLTS (-50°C) FT1 FT5 CSA LR27161 P-7K102-045 MSHA

Options:

- Other jacket materials available upon request

Applications:

- Designed for use as trailing cables on AC mining equipment:
 - Where a ground-check-conductor is not required for fail-safe ground monitoring
 - Where induced voltages do not present a problem

Features:

- Rope-lay-stranded conductors are extremely flexible and resistant to wire breakage
- Excellent heat, moisture, steam, oil, chemical and radiation resistance
- Flexible for easy handling
- Resists cutting, impact, abrasion, flame and sunlight
- Excellent thermal stability and physical properties over a broad temperature range
- Two-layer jacket is reinforced to provide maximum protection from mechanical damage — the cause of most portable cable failures

Compliances:

- ICEA S75-381 Portable and Power Feeder Cables for use in mines and similar applications
- Meets flame test requirements and is accepted for listing by MSHA
- Approved by the Pennsylvania Department of Environmental Protection
- Manufactured in accordance with CAN/CSA-C22.2 No. 96 Portable Power Cables and is certified by Natural Resources Canada

Packaging:

- Material cut to length and shipped on non-returnable reels



6 AWG THRU 500 KCMIL CONDUCTORS, FOUR CONDUCTOR, ROUND PORTABLE, TYPE W - 2000 VOLTS

CATALOG NUMBER	NO. OF COND.	COND. (AWG/kcmil) SIZE	COND. STRAND	NOMINAL INSULATION THICKNESS		NOMINAL CABLE O.D.		NET WEIGHT		AMPACITY
				INCHES	mm	INCHES	mm	lbs/1000ft	kg/km	
13306.426312	4	6*	133	0.060	1.5	1.10	27.9	838	1247	79
13304.440400	4	4*	259	0.060	1.5	1.27	32.3	1174	1747	104
13306.340300	4	3	259	0.060	1.5	1.34	34.0	1377	2049	120
13302.440200	4	2*	259	0.060	1.5	1.48	37.6	1701	2531	138
13306.340100	4	1	259	0.080	2.0	1.68	42.7	2192	3262	161
13306.345100	4	1/0	259	0.080	2.0	1.79	45.5	2549	3793	186
13306.645200	4	2/0	329	0.080	2.0	1.93	49.0	3078	4581	215
13306.645300	4	3/0	413	0.080	2.0	2.07	52.6	3685	5485	249
13306.645400	4	4/0	532	0.080	2.0	2.26	57.4	4540	6758	287
13306.646000	4	250	608	0.095	2.4	2.66	67.6	5746	8553	320
13306.646200	4	350	851	0.095	2.4	2.98	75.7	7574	11275	394
13306.646500	4	500	1221	0.095	2.4	3.40	86.4	10376	15441	487

* AUTHORIZED STOCK ITEMS.

Stock items are available in long lengths for cutting to your specifications. All lengths are subject to a tolerance of +/- 5%.

Dimensions and weights shown are nominal, subject to standard industry tolerances. Actual shipping weight may vary.

These ampacities are based on a conductor temperature of 90°C and an ambient air temperature of 40°C, per ICEA S-75-381, NEMA WC-58. For ampacities per National Electrical Code® Requirements, refer to the latest NEC edition.