

TYPE W ROUND

PORTABLE POWER CABLE - 2000 VOLT, 90°C (UL)

Construction

Conductor:

- Each conductor is fabricated with rope lay concentric copper. The strands are uncoated annealed copper.

Insulation:

- EPDM with exceptional dielectric and mechanical properties. Rated for 90°C (2,000 volts). Has superior overload (130°C) and short circuit (250°C) protection, high tensile strength and resistance to crushing and impact. Color Coded per ICEA.

Assembly:

- Rubber fillers are cabled in the interstices. The cable assembly is covered with a rubber-filled tape. The outer surface of the tape is vulcanized to the CPE jacket, permitting free stripping of the jacket.

Jacket:

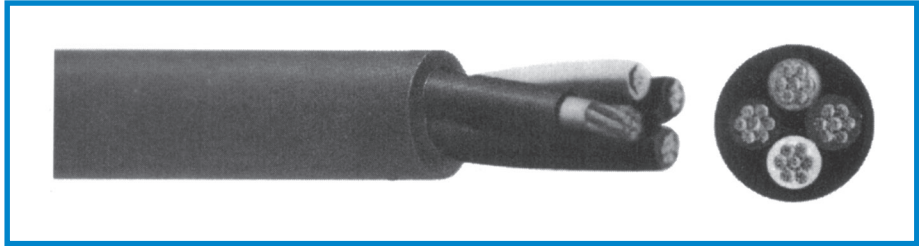
- A heavy-duty jacket of tough, thermosetting chlorinated polyethylene is vulcanized over the cable core assembly. Pennsylvania Bureau of Mines approved, MSHA approved. The jacket is resistant to oil, sunlight, ozone, grease, acids, water, abrasion and impact. -40°C, +90°C.

Features:

- Withstands severe environmental conditions.
- Rated 90°C and 2,000 volts.
- Designed for heavy-duty use.
- Long service life.
- Heavy-duty chlorinated polyethylene jacket.
- EP rubber insulation on conductors and green rubber covering on grounds.
- MSHA approved.

Applications:

- Portable cables, depending on the type (W, G, or G-GC), are recommended for applications such as cranes, conveyors, mobile equipment, temporary power supply use, portable and stationary heavy-duty equipment.



CUSTOM CATALOG NUMBER	SIZE	STRAND	NOM. INSUL. THICKNESS	NOMINAL O.D.	CURRENT	NOMINAL WEIGHT
	AWG/MCM		INCHES	INCHES	AMPS*	LBS/MFT
TYPE W (3 CONDUCTOR)						
9278	8	133	0.060	0.910	74	530
9279	6	259	0.060	1.010	99	660
9280	4	259	0.060	1.170	130	900
9281	3	259	0.060	1.240	120	1300
9282	2	259	0.080	1.340	174	1325
9283	1	259	0.080	1.510	202	1600
9284	1/0	259	0.080	1.650	234	2280
9285	2/0	259	0.080	1.750	271	2680
9286	3/0	259	0.080	1.890	313	3220
9287	4/0	259	0.095	2.040	361	3900
9288	250	627	0.095	2.390	402	5070
9290	350	855	0.095	2.680	495	6570
9293	500	1235	0.095	3.030	613	8700
TYPE W (4 CONDUCTOR)						
9295	8	133	0.060	0.990	65	620
9296	6	259	0.060	1.100	87	825
9297	4	259	0.060	1.270	114	1175
9299	2	259	0.080	1.480	152	1650
9300	1	259	0.080	1.680	177	2450
9301	1/0	259	0.080	1.790	205	2570
9302	2/0	259	0.080	1.930	237	3450
9303	3/0	259	0.080	2.070	274	4050
9304	4/0	259	0.080	2.260	316	4970
9305	250	627	0.094	2.660	280	5460
9306	350	888	0.094	2.980	335	7140
9307	500	1221	0.094	3.400	395	9480
TYPE W (5 CONDUCTOR)						
9295-5 CDR	8	133	0.060	1.070	52	710
9296-5 CDR	6	259	0.060	1.210	69	1110
9297-5 CDR	4	259	0.060	1.550	91	1400
9299-5 CDR	2	259	0.060	1.610	121	2340
9301-5 CDR	1/0	259	0.080	1.960	164	3460
9302-5 CDR	2/0	259	0.080	2.130	189	4180
9303-5 CDR	3/0	259	0.080	2.260	219	4900
9304-5 CDR	4/0	259	0.080	2.460	252	5980

* Ampacity based on 90°C conductor temperature and 40°C ambient temperature.

NOTE: For ampacities per National Electric Code requirements, refer to the latest NEC edition.

Conductor Color Coding:

- 3 conductor - Black-White-Green
- 4 conductor - Black-White-Red-Green
- 5 conductor - Black-White-Red-Green-Orange

Custom Cable Corp.

