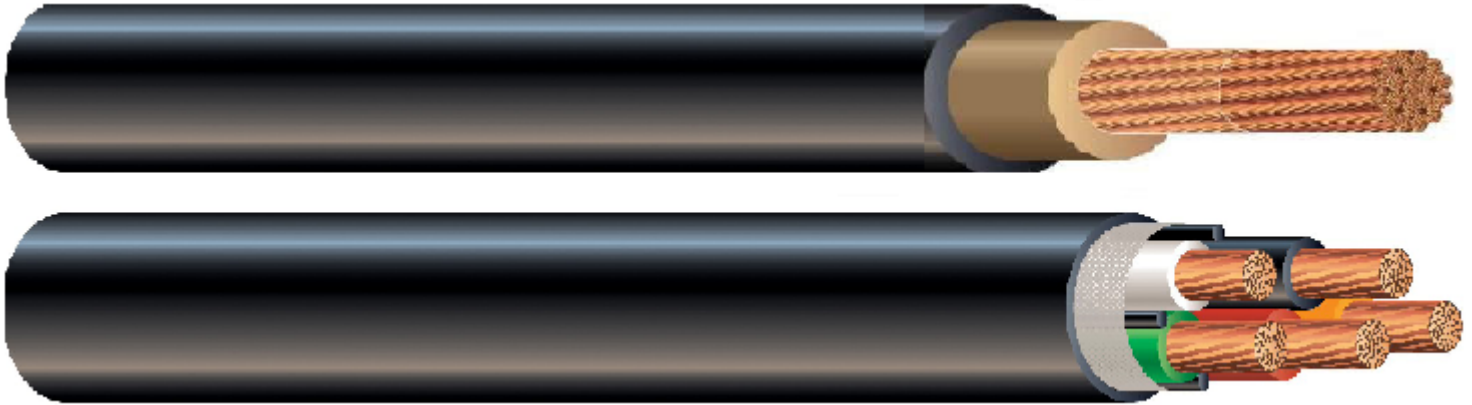


# Type W Portable Power Cable

Type W Industrial Grade Single and Multiconductor Portable Round Power Cable  
 2000 Volt, 90°C (-40°C). Oil and Sunlight Resistant.  
 Single Conductors Listed as Type RHH/RHW-2.  
 UL and c(UL) Listed. CSA Certified. MSHA Approved. RoHS Compliant.



## APPLICATIONS

Type W Portable Power Cable is suitable for use in Industrial and light-to-medium mining applications, heavy-duty service and temporary as power supply cables. Motor, battery and generator leads. It is also used for mobile and portable electrical equipment.

## SPECIFICATIONS

- UL Listed - Type W per UL 1650
- Conductors are manufactured in accordance with ASTM and B-172
- Made in accordance with ICEA S-75-381
- NEMA WC-58 - Portable and Power Feeder Cables for Use in Mines and Similar Locations
- MSHA accepted, P-136-135, LR65300
- UL Listed as Type RHH or RHW-2
- CSA or c(UL) Certified as applicable
- RoHS Compliant
- Meets FT-5 Flame Test

# Type W Portable Power Cable

## CONSTRUCTION

Southwire Type W portable power cables are manufactured with rope-lay stranded, bunched members, annealed copper conductors. A polyester or paper tape separates the copper conductors from the EP rubber insulation. The insulated conductors are assembled round with fillers as needed. The cable is covered with a black CPE rubber jacket. Jackets are reinforced by a braid or serve of synthetic material. Sizes 8 AWG through 500 MCM fully annealed stranded bare copper per ASTM B-172.

WEIGHTS, MEASUREMENTS AND PACKAGING								
NUMBER OF COND.	AWG OR KCMIL	COND. STRAND	NOMINAL INSULATION THICKNESS		NOMINAL OVERALL DIAMETER		CURRENT AMPS*	APPROX. NET WEIGHT LBS/M**
			INCHES	mm	INCHES	mm		
<b>1 CONDUCTOR - TYPE W - 2000 VOLT</b>								
1	8	168	0.060	1.52	0.490	11.18	80	160
1	6	266	0.060	1.52	0.535	13.59	105	220
1	4	420	0.060	1.52	0.595	15.11	140	290
1	2	651	0.060	1.52	0.645	16.38	190	395
1	1	840	0.080	2.03	0.695	17.65	220	490
1	1/0	1064	0.080	2.03	0.770	19.56	260	575
1	2/0	1311	0.080	2.03	0.800	20.32	300	700
1	3/0	1653	0.080	2.03	0.860	21.84	350	820
1	4/0	2090	0.080	2.03	0.925	23.49	405	1000
1	250	627	0.095	2.41	1.045	26.54	455	1170
1	350	855	0.095	2.41	1.145	29.1	570	1520
1	500	1235	0.095	2.41	1.310	33.28	700	2090
<b>2 CONDUCTOR - TYPE W - 2000 VOLT</b>								
2	8	71	0.060	1.52	0.820	20.83	74	365
2	6	49	0.060	1.52	0.930	23.62	99	515
2	4	105	0.060	1.52	1.050	26.67	130	730
2	2	168	0.080	1.52	1.245	31.62	174	1000
2	1	210	0.080	2.03	1.420	36.07	202	1490
2	1/0	259	0.080	2.03	1.515	38.48	234	1710
2	2/0	259	0.080	2.03	1.575	40.00	271	1880
2	3/0	420	0.080	2.03	1.685	42.80	313	2420
2	4/0	532	0.080	2.03	1.845	46.86	361	2940



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# Type W Portable Power Cable

3 CONDUCTOR - TYPE W - 2000 VOLT								
3	8	71	0.060	1.52	0.930	23.62	65	525
3	6	49	0.060	1.52	1.015	25.78	87	660
3	4	105	0.060	1.52	1.130	28.70	114	900
3	2	168	0.080	1.52	1.320	33.53	152	1300
3	1	210	0.080	2.03	1.475	37.47	177	1600
3	1/0	259	0.080	2.03	1.605	40.77	205	2280
3	2/0	259	0.080	2.03	1.680	42.67	237	2680
3	3/0	420	0.080	2.03	1.825	46.36	274	3220
3	4/0*	532	0.080	2.03	1.950	49.53	316	3900
3	250*	608	0.095	2.41	2.275	57.78	352	5070
3	350*	855	0.095	2.41	2.425	61.59	433	6570
3	500*	1235	0.095	2.41	2.845	72.26	536	8700

Multiconductor cables are UL and C(UL) unless marked. \*UL Listed only

4 CONDUCTOR - TYPE W - 2000 VOLT								
4	8	71	0.060	1.52	1.010	25.65	65	620
4	6	49	0.060	1.52	1.105	28.07	87	825
4	4	105	0.060	1.52	1.245	31.62	114	1175
4	2	168	0.060	1.52	1.465	37.21	152	1650
4	1	210	0.080	2.03	1.625	41.27	177	2450
4	1/0	259	0.080	2.03	1.755	44.58	205	2570
4	2/0	259	0.080	2.03	1.875	47.62	237	3450
4	3/0*	420	0.080	2.03	1.905	48.39	274	4050
4	4/0*	532	0.080	2.03	2.175	55.24	316	4970
4	350*	855	0.095	2.41	2.684	68.18	394	6312

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5 CONDUCTOR - TYPE W - 2000 VOLT								
5	8	71	0.060	1.52	1.070	27.18	52	710
5	6	49	0.060	1.52	1.210	30.73	69	1010
5	4	105	0.060	1.52	1.400	35.56	91	1400
5	2	168	0.060	1.52	1.605	40.77	121	2340
5	1	210	0.080	2.03	1.890	48.01	141	3040

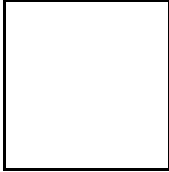






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# Type W Portable Power Cable

5	1/0	259	0.080	2.03	2.010	51.05	164	3460
5	2/0*	259	0.080	2.03	2.075	52.70	189	4180
5	3/0*	420	0.080	2.03	2.260	55.50	219	4900
5	4/0*	532	0.080	2.03	2.425	61.59	252	5980

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#OF CONDUCTORS	COLOR SEQUENCE	
2	BLACK, WHITE	
3	BLACK, WHITE, GREEN	
4	BLACK, WHITE, GREEN, RED	
5	BLACK, WHITE, GREEN, RED, ORANGE	

\*Ampacities based on 90°C Conductor and 30°C Ambient temperature per table 400.5(B) of the 2011 National Electrical Code®

\*\*Actual Shipping weight may vary.



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