

EPDM/CPE - Type W - Single Conductor Round

Mining / Portable Power Cable

UL: -40°C to 90°C, 2kV, RHH/RHW

CSA: -40°C to 90°C, 2kV



IEWC Part Number	AWG	Stranding	Nominal Insulation Thickness		Nominal O.D.		Approx. Weight		Ampacity ⁰¹
			in	mm	in	mm	lbs/1k ft	kg/km	
W0801	8	133	0.070	1.8	0.485	12.3	150	223	80
W0601	6	259	0.070	1.8	0.565	14.4	214	318	105
W0401	4	259	0.070	1.8	0.605	15.4	277	412	140
W0301	3	133	0.060	1.5	0.620	15.7	318	473	165
W0201	2	259	0.070	1.8	0.680	17.3	387	576	190
W0101	1	259	0.090	2.3	0.765	19.4	485	722	220
W1/001	1/0	259	0.090	2.3	0.810	20.6	563	838	260
W2/001	2/0	259	0.090	2.3	0.885	22.5	679	1,010	300
W3/001	3/0	259	0.090	2.3	0.930	23.6	809	1,204	350
W4/001	4/0	259	0.090	2.3	0.980	24.9	973	1,448	405
W25001	250	627	0.105	2.7	1.05	26.5	1,155	1,719	455
W30001	300	741	0.095	2.4	1.10	27.9	1,315	1,957	505
W35001	350	855	0.105	2.7	1.15	29.1	1,492	2,220	570
W40001	400	999	0.095	2.4	1.19	30.2	1,681	2,501	615
W50001	500	1,235	0.105	2.7	1.31	33.3	2,048	3,047	700
W80001	800	1,909	0.095	2.4	1.61	41.0	3,071	4,570	925

⁰¹Type W ampacities are for general use of 90°C conductor with ambient temperature @ 30°C per NEC Table 400.5(B)

Notes

- Soft-annealed, bare copper conductor
- Ethylene propylene diene monomer (EPDM) jacket
- Open reinforcement over insulation
- Chlorinated polyethylene (CPE) jacket
- RoHS Compliant
- MSHA Approved
- Standard jacket color: black

Alternative Constructions

- Soft-annealed, tinned copper conductor
- Ethylene propylene rubber (EPR) insulation

Available Certifications

CSA: FT1, FT5

Applications

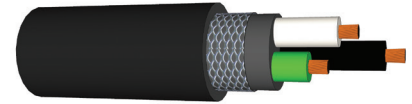
For use in electric motor & generator, hoist, mining & off-road, pendant, and portable power applications. Rated for continuous use from -40°C up to 90°C.

EPDM/CPE - Type W - Multi-Conductor Round

Mining / Portable Power Cable

UL: -40°C to 90°C, 2kV

CSA: -40°C to 90°C, 2kV



IEWC Part Number	AWG	No. of Conductors	Stranding	Nominal Insulation Thickness		Nominal O.D.		Approx. Weight		Ampacity ⁰¹
				Conductors	mm	in	mm	lbs/1k ft	kg/km	
W0802	8	2	133	0.060	1.5	0.770	19.6	334	497	74
W0803		3	133	0.060	1.5	0.925	23.5	490	729	74
W0804		4	133	0.060	1.5	0.985	25.0	595	885	65
W0805		5	133	0.060	1.5	1.05	26.7	675	1,004	52
W0602		6	2	259	0.060	1.5	0.910	23.1	483	719
W0603	3		259	0.060	1.5	1.01	25.7	650	967	99
W0604	4		259	0.060	1.5	1.09	27.6	783	1,165	87
W0605	5		259	0.060	1.5	1.20	30.5	956	1,423	69
W0402	4		2	259	0.060	1.5	1.02	25.9	664	988
W0403		3	259	0.060	1.5	1.10	27.8	835	1,242	130
W0404		4	259	0.060	1.5	1.21	30.7	1,072	1,595	114
W0405		5	259	0.060	1.5	1.36	34.5	1,332	1,982	91
W0202		2	2	259	0.080	2.0	1.21	30.7	981	1,460
W0203	3		259	0.080	2.0	1.33	33.7	1,233	1,835	174
W0204	4		259	0.080	2.0	1.44	36.4	1,592	2,369	152
W0205	5		259	0.080	2.0	1.60	40.6	2,021	3,007	121
W0102	1		2	259	0.080	2.0	1.44	36.6	1,490	2,217
W0103		3	259	0.080	2.0	1.50	38.1	1,810	2,693	202
W0104		4	259	0.080	2.0	1.61	40.8	2,051	3,052	177
W0105		5	259	0.080	2.0	1.93	48.9	2,923	4,349	141
W1/002		1/0	2	259	0.080	2.0	1.44	36.4	1,625	2,418
W1/003	3		259	0.080	2.0	1.61	40.9	2,142	3,187	234
W1/004	4		259	0.080	2.0	1.72	43.7	2,742	4,080	205
W1/005	5		259	0.080	2.0	2.08	52.7	3,142	4,675	164
W2/002	2/0		2	259	0.080	2.0	1.65	41.9	1,880	2,797
W2/003		3	259	0.080	2.0	1.72	43.7	2,586	3,848	271
W2/004		4	259	0.080	2.0	1.93	48.9	3,228	4,803	237
W2/005		5	259	0.080	2.0	2.16	54.9	4,067	6,052	189
W3/002		3/0	2	259	0.080	2.0	1.77	45.0	2,420	3,601
W3/003	3		259	0.080	2.0	1.88	47.8	3,381	5,031	313
W3/004	4		259	0.080	2.0	2.06	52.2	4,048	6,023	274
W3/005	5		259	0.080	2.0	2.26	57.4	4,900	7,291	219
W4/002	4/0		2	259	0.080	2.0	1.92	48.8	2,940	4,375
W4/003		3	259	0.080	2.0	1.94	49.1	3,492	5,196	361
W4/004		4	259	0.080	2.0	2.15	54.5	4,603	6,849	316
W4/005		5	259	0.080	2.0	2.46	62.5	5,980	8,898	252

EPDM/CPE - Type W - Multi-Conductor Round continued on next page

EPDM/CPE - Type W - Multi-Conductor Round continued

IEWC Part Number	AWG	No. of Conductors	Stranding	Nominal Insulation Thickness		Nominal O.D.		Approx. Weight		Ampacity ⁰¹
				in	mm	in	mm	lbs/1k ft	kg/km	
W25002	250	2	627	0.095	2.4	2.10	53.3	2,664	3,964	402
W25003		3	627	0.095	2.4	2.39	60.7	5,070	7,544	402
W25004		4	627	0.095	2.4	2.67	67.7	5,725	8,519	352
W35002	350	2	888	0.095	2.4	2.36	59.9	3,854	5,735	495
W35003		3	855	0.095	2.4	2.68	68.1	6,570	9,776	495
W35004		4	888	0.095	2.4	3.00	76.2	7,428	11,053	433
W50002	500	2	1,221	0.095	2.4	2.70	68.6	5,191	7,724	613
W50003		3	1,235	0.095	2.4	3.03	77.0	8,700	12,946	613
W50004		4	1,221	0.095	2.4	3.43	87.0	10,010	14,895	536

⁰¹Type W ampacities are for general use of 90°C conductor with ambient temperature @ 30°C per NECTable 400.5(B)

Notes

- Soft-annealed, bare copper conductor
- Ethylene propylene diene monomer (EPDM) insulation
- Chlorinated polyethylene (CPE) jacket
- RoHS Compliant
- MSHA Approved
- ICEA S-95-658 / NEMA WC-70
- Standard jacket color: black

Alternative Constructions

- Soft-annealed, tinned copper conductor
- Ethylene propylene rubber (EPR) insulation

Available Certifications

- UL: Type TC, TC-ER
- CSA: FT4, FT5

No. of Conductors	Standard Conductor Insulation Colors
2	Black, White
3	Black, White, Green
4	Black, White, Red, Green
5	Black, White, Red, Orange, Green