

TYPE W
2000 V Portable Power Cable 90°C UL C(UL) MHSA



Construction	
Conductors:	Flexible Stranded Bare copper, B-172 and ICEA S-75-381/NEMA WC70
Separator:	Tape Separator between conductor and insulation
Insulation:	Ethylene-propylene rubber (EPR), ICEA S-95-658 sec.3.21, table 3-6
Jacket:	Black heavy duty CPE thermoset compound, ICEA S-75-381/NEMA WC70 sec 3.21, table 3-4.

Features
-Excellent flexibility
-Water resistant and flame retardant
-Rated and flexible at -40°C to + 90°C
-Excellent impact and abrasion resistant
-Ozone, sunlight, oil, grease, weather, chemical resistant
-Bend radius: 6 x OD

Approvals
-UL
-C(UL)
-MSHA

Specification and Standards
-ICEA S-75-381/NEMA WC58, ICEA S-95-658/NEMA WC70, ASTM B172, ASTM B 33, UL 44

Application
Portable power systems, Industrial applications, Mining application where bare copper grounding conductors are not required.

Type W RHH/RHW-2 - 1 Conductor - Extra Flexible – Industrial grade

Open reinforcing braid or tape over insulation

Part Number	Conductor Size AWG-MCM	Conductor Stranding	Insulation Thickness Inch (mm)	O.D. Inch (mm)	Cable Wt lbs/Mft (kg/km)	Ampacity A 30 C° Ambient T.
X-W-8-1-2Kv	8	162	0.060 (1.52)	0.44 (11.1)	131 (195)	80
X-W-6-1-2Kv	6	264	0.060 (1.52)	0.52 (13.9)	193 (287)	105
X-W-4-1-2Kv	4	418	0.060 (1.52)	0.56 (14.3)	255 (379)	140
X-W-2-1-2Kv	2	660	0.060 (1.52)	0.65 (16.5)	365 (543)	190
X-W-1-1-2Kv	1	836	0.080 (2.03)	0.72 (18.4)	454 (675)	220
X-W-1/0-1-2Kv	1/0	1056	0.080 (2.03)	0.75 (19.1)	529 (787)	260
X-W-2/0-1-2Kv	2/0	1320	0.080 (2.03)	0.80 (20.3)	626 (931)	300
X-W-3/0-1-2Kv	3/0	1672	0.080 (2.03)	0.86 (21.9)	755 (1123)	350
X-W-4/0-1-2Kv	4/0	2090	0.080 (2.03)	0.91 (23.1)	965 (1436)	405
X-W-250-1-2Kv	250	2496	0.095 (2.41)	0.98 (25.0)	1064 (1584)	455
X-W-350-1-2Kv	350	3419	0.095 (2.41)	1.11 (28.2)	1409 (2096)	570
X-W-500-1-2Kv	500	4880	0.095 (2.41)	1.28 (35.2)	1913 (2847)	700

Type W - 2 Conductors - Flexible - Industrial grade

Heavy duty reinforced jacket

Part Number	Conductor Size AWG	Conductor Stranding	Insulation Thickness Inch (mm)	O.D. Inch (mm)	Cable Wt lbs/Mft (kg/km)	Ampacity A 30 C° Ambient T.
X-W-8-2-2Kv	8	133	0.060 (1.52)	0.80 (20.3)	407 (605)	74
X-W-6-2-2Kv	6	133	0.060 (1.52)	0.92 (23.3)	552 (822)	99
X-W-4-2-2Kv	4	259	0.060 (1.52)	1.03 (26.2)	752 (1119)	130
X-W-2-2-2Kv	2	259	0.060 (1.52)	1.22 (30.9)	1088 (1619)	174

Type W - 3 Conductors - Flexible - Industrial grade

Part Number	Conductor Size AWG-MCM	Conductor Stranding	Insulation Thickness Inch (mm)	O.D. Inch (mm)	Cable Wt lbs/Mft (kg/km)	Ampacity A 30 C° Ambient T.
X-W-8-3-2Kv	8	133	0.060 (1.52)	0.96 (24.3)	565 (841)	74
X-W-6-3-2Kv	6	259	0.060 (1.52)	1.03 (26.2)	698 (1038)	99
X-W-4-3-2Kv	4	259	0.060 (1.52)	1.14 (29.0)	944 (1405)	130
X-W-2-3-2Kv	2	259	0.060 (1.52)	1.29 (32.8)	1306 (1944)	174
X-W-1-3-2Kv	1	259	0.080 (2.03)	1.46 (37.0)	1639 (2439)	202
X-W-1/0-3-2Kv	1/0	266	0.080 (2.03)	1.59 (40.3)	1991 (2963)	234
X-W-2/0-3-2Kv	2/0	342	0.080 (2.03)	1.69 (42.8)	2380 (3541)	271
X-W-3/0-3-2Kv	3/0	418	0.080 (2.03)	1.81 (46.1)	2808 (4179)	313
X-W-4/0-3-2Kv	4/0	532	0.080 (2.03)	1.96 (49.7)	3425 (5097)	361
X-W-250-3-2Kv	250	627	0.095 (2.41)	2.29 (58.2)	4258 (6336)	402
X-W-350-3-2Kv	350	888	0.095 (2.41)	2.57 (65.2)	5650 (8408)	495
X-W-450-3-2Kv	500	1221	0.095 (2.41)	2.90 (73.7)	7445 (11079)	613

Type W - 4 Conductors - Flexible - Industrial grade

Part Number	Conductor Size AWG-MCM	Conductor Stranding	Insulation Thickness Inch (mm)	O.D. Inch (mm)	Cable Wt lbs/Mft (kg/km)	Ampacity A 30 C° Ambient T.
X-W-8-4-2Kv	8	133	0.060 (1.52)	0.98 (24.9)	656 (976)	65
X-W-6-4-2Kv	6	259	0.060 (1.52)	1.10 (28.0)	908 (1352)	87
X-W-4-4-2Kv	4	259	0.060 (1.52)	1.22 (30.9)	1262 (1878)	114
X-W-2-4-2Kv	2	259	0.060 (1.52)	1.44 (36.6)	1759 (2618)	152
X-W-1-4-2Kv	1	259	0.080 (2.03)	1.59 (40.4)	2322 (3456)	177
X-W-1/0-4-2Kv	1/0	266	0.080 (2.03)	1.70 (43.3)	2721 (4050)	205
X-W-2/0-4-2Kv	2/0	342	0.080 (2.03)	1.85 (47.1)	3293 (4901)	237
X-W-3/0-4-2Kv	3/0	418	0.080 (2.03)	1.96 (49.9)	3849 (5729)	274
X-W-4/0-4-2Kv	4/0	532	0.080 (2.03)	2.16 (54.7)	4765 (7092)	316
X-W-250-4-2Kv	250	627	0.095 (2.41)	2.53 (64.2)	5579 (8303)	352
X-W-350-4-2Kv	350	888	0.095 (2.41)	2.83 (71.8)	7329 (10908)	433
X-W-450-4-2Kv	500	1221	0.095 (2.41)	3.24 (82.2)	9896 (14729)	536

Type W - 5 Conductors - Flexible - Industrial grade

Part Number	Conductor Size	Conductor Stranding	Insulation Thickness Inch (mm)	O.D. Inch (mm)	Cable Wt lbs/Mft (kg/km)	Ampacity A 30 C° Ambient T.
X-W-8-5-2Kv	8 AWG	133	0.060 (1.52)	0.92 (23.3)	776 (1154)	52
X-W-6-5-2Kv	6 AWG	259	0.060 (1.52)	1.03 (26.2)	1024 (1524)	70
X-W-4-5-2Kv	4 AWG	259	0.060 (1.52)	1.20 (30.4)	1432 (2131)	91
X-W-2-5-2Kv	2 AWG	259	0.060 (1.52)	1.37 (34.7)	2051 (3052)	122
X-W-1-5-2Kv	1 AWG	259	0.080 (2.03)	1.56 (39.5)	2665 (3967)	142
X-W-1/0-5-2Kv	1/0 AWG	266	0.080 (2.03)	1.81 (46.1)	3406 (5069)	164
X-W-2/0-5-2Kv	2/0 AWG	342	0.080 (2.03)	1.94 (49.2)	3596 (5351)	190
X-W-3/0-5-2Kv	3/0 AWG	418	0.080 (2.03)	2.23 (56.6)	4728 (7035)	219
X-W-4/0-5-2Kv	4/0 AWG	532	0.080 (2.03)	0.981 (24.9)	5512 (8203)	253

Type W - 6 Conductors - Flexible - Industrial grade

Part Number	Conductor Size	Conductor Stranding	Insulation Thickness Inch (mm)	O.D. Inch (mm)	Cable Wt lbs/Mft (kg/km)	Ampacity A 30 C° Ambient T.
X-W-6-6-2Kv	6 AWG	259	0.060 (1.52)	1.30 (32.9)	1163 (1731)	70