

Portable Power Cable • Type W Single Conductor • 600-2000 Volts

Motor Lead Cable • 90°C

Conductors

Bunched strands of tinned annealed copper per ASTM B-33

Separator

A suitable separator provides for easy stripping of insulation



Insulation

Ethylene-Propylene rubber (EPR) per ICEA S-95-658, and ASTM D-2802

Jacket

Flame retardant, oil and sunlight resistant Chlorinated Polyethylene (CPE). Black standard. Consult factory for colored jackets.

Ratings & Approvals

- UL Listed as Type W
- ASTM B-33: Standard Specification for Tinned Soft or Annealed Copper Wire for Electrical Purposes
- ASTM D2802: Standard Specification for Ozone-Resistant Ethylene-Alkene Polymer Insulation for Wire and Cable
- ICEA S- 95-658/ NEMA WC-70: Nonshielded Power Cables Rated 2000 Volts or Less for the Distribution of Electrical Energy
- MSHA P-184 for 6 AWG and above

Application

AmerCable's 600-2000 Volt single-conductor motor-lead cables are recommended for installations where long flex life, great flexibility and wearability are desired. Applications include heavy duty or temporary power supply service, AC or DC, to motor or generators, portable and stationary heavy duty equipment, cranes, conveyors and other mobile equipment. They may be installed in air, in ducts, immersed in water or directly buried in the earth. However, they are not UL Type USE. For cables requiring reduced flame propagation, refer to the factory.

Features

- Suitable for continuous operating temperatures of 90°C
- Suitable for use in festoons, suspended loops and power tracks
- Suitable for use on Payout and Retractable reels (P&R)
- Heavy-duty jacket offers excellent protection against abrasion, impact, heat, oil, flame, ozone, alkali and acids.
- Extremely flexible stranding used for increased flexibility and ease of installation
- Dual Rated 600V and 2kV
- Suitable for extra hard usage

37-401 • Single Conductor Portable Power Cable • Type W

Part No. 37-401-	Size AWG/ kcmil	Minimum Wires per Conductor	Nominal Insulation Thickness in.	Nominal Jacket Thickness in.	Nominal Outside Diameter in.	Approx. Weight lbs. per 1,000 ft.	* Ampacity 90°C
008	8	133	0.060	0.075	0.460	136	80
006	6	133	0.060	0.095	0.550	202	105
004	4	133	0.060	0.095	0.600	268	140
003	3	133	0.060	0.095	0.620	318	165
002	2	259	0.060	0.095	0.690	375	190
001	1	259	0.080	0.095	0.760	479	220
010	1/0	266	0.080	0.095	0.810	555	260
020	2/0	323	0.080	0.095	0.832	675	300
030	3/0	418	0.080	0.095	0.900	794	350
040	4/0	532	0.080	0.095	0.960	959	405
250	250	627	0.095	0.095	1.070	1268	455
300	300	741	0.095	0.095	1.100	1315	505
350	350	888	0.095	0.095	1.160	1517	570
400	400	999	0.095	0.095	1.190	1681	615
500	500	1221	0.095	0.095	1.310	2039	700

* Ampacity is calculated with a 90°C conductor temperature and 30°C ambient air, per 2005 NEC, Table 400-5(B)

• Cable diameters and weights are subject to +/- 5% manufacturing tolerance