

WELDING CABLES

FEATURES

- Premium USA made welding cable
- High strength tear-resistant flexible EPDM jacket
- Excellent resistance to cuts, abrasion, slag and impact
- Superior flexibility, even at cold temperatures to -50°C
- Resistant to heat, flame, solvents, water, grease, oil, weather and ozone
- Special stranded conductor for added flexibility and easy handling
- Sequentially marked; Class K stranding
- Available in custom cut sections fully assembled with ends
- Boxed cable kits optimized for shipping and display
- Private labeling available. MOQs and lead times will apply
- Only the highest quality cable accessories are used in our custom cable kits
- RoHS Compliant
- Lead-free
- Silicone-free
- Made in the USA

APPLICATIONS

- Used as power feed leads from the welding power source unit to the electrodes for arc welders; NEC article 630 electric welders
- Highly flexible lead cable used on battery cable, and temporary or permanent lead cables
- For use in all welding applications requiring leads, grounds and stingers/whips.
- Manufacturing - Architectural and Structural Metals, Mining, Agricultural, Motor Vehicles, Aerospace, Shipbuilding
- Construction - Residential, Commercial, Bridges, Dams, Utilities
- Or any other industry where welders may work

USAGE INSTRUCTIONS

- 1 Determine cable size and length for application
- 2 Determine proper connector for cable
- 3 Strip and properly prepare cable tips
- 4 Select proper installing die tool with correct die in proper position on connector and activate tool or select proper installing dieless tool.
- 5 Crimp as directed by the manufacturer's instructions.
- 6 Properly secure connectors



Platinum offers a variety of welding cable assemblies in sizes 4, 2, 1, 1/0, 2/0, 3/0, and 4/0. We have leads, grounds, and extensions in any length and configuration. We also offer cut cable in multiple lengths without ends. We can supply ground clamps, electrode holders, lugs, and cable connectors with our Platinum brands on the ends or OEM's such as, Tweco, or for any of the assemblies you may need.

TECHNICAL SPECIFICATIONS

Spark Tested for 600V

Voltage rating procedure incorporating the IPCEA-S-19-81 D.C. spark test.

AWG	Voltage (KV)
6 to 2	22.5
1 to 4/0	27.0

Separators:

Paper separator for ease of stripability

Colors:

Black, Blue, Red, Green, Orange, Pink, Yellow, White
Other colors available upon request

Packaging:

- Standard lengths: 250' and 500' reels; also available in 1,000' and 100 m reels
- Coiled, boxed, and shrink-wrapped package options for 25, 50, and 100 ft. lengths
- Custom lengths available upon request

Insulation: EPDM

Conductor:

Annealed rope-stranded Class M, bare copper as per ASTM B3.34 AWG; Meets CMA requirements of ASTM B172

Operating Temperature Range:

- 50°C to + 105°C (- 58°F to + 221°F)
ASTM D-4313 compliant