



PHILATRON

WIRE AND CABLE

Manufacturing Solutions with Undeniable Value!

15315 CORNET AVENUE

SANTA FE SPRINGS, CA 90670

WWW.PHILATRON.COM

USA

**DESIGNER & MANUFACTURER
ELECTRICAL WIRE & CABLE**

CAPABILITY PROSPECTUS

AND

CERTIFICATIONS



PHILATRON

WIRE AND CABLE • USA MANUFACTURER



Capability Statement



CERTIFIED:

UL, CSA, ISO 9001:2008,
IATF 16949:2009

CONTACT INFORMATION:

800-967-9147 562-802-2570
contactusnow@philatron.com

Cage: 7P590
Duns: 075319848

About Philatron:

Founded in 1974 by CEO & Owner, Phil Ramos, Jr. - Philatron is a family and disabled veteran owned business. Markets served are Aerospace/Airports, Auto/Heavy Duty Trucking, Consumer, Electrical Vehicle, Entertainment, Military, Mining, Oil & Gas, Transportation, & Utility/Power. Operations include copper drawing, bulk wire & cable insulating - thermoset & thermoplastic, injection and compression molding, custom connectors and assembly. All products are 100% Made in America.

Core Competencies and Capabilities:

ISO 9001:2008 & IATF 16949:2009 certified custom and standard, full service cable manufacturer – bulk bare copper and insulated electrical wire and cable. Full engineering capabilities. Capacity: 28 gauge to 4000 MCM / 12 volts to 35,000 volts / Diameter 1/16 to 3.75 inches. Specialists in extra flexible large size cables, coiled cords/cables, MIL-3432 cables, airport 400 Hz generator cables, auto / heavy duty trucking coiled air / electrical lines, control / instrumentation cables, electrical vehicle cables/cords, extension / power supply cords, braiding, flexible-sub-zero, medium voltage, submersible, injection molding over-molding, UL Listed Styles, UL Listed Types AWM, EVJE/EVE, MTW, PLTC, PPE, PV, RHW2, RV, SCE, SJEOOW, SEOOW, SIS, SPT-2&3, TC, THW, XHHW2, UF, low smoke zero halogen-LSZH, RFI/EMI shielding, UL, CSA, RoHS, & MSHA certified, and custom harness and cable assemblies.

Past Performance & Value Added Differentiators :

Department of Navy – Ship-to-Shore Power Cables, Department of Army and Defense Supply Center – MIL-3432 Special Purpose Cables.

- Fastest Lead Times for custom electric cable.
- FREE electrical design and layout service that complies with national and international industry standards.

NAIC Codes:

- 331420 - Copper Rolling, Drawing, Extruding, and Alloying
- 331422 - Copper Wire Drawing
- 335929 - Communication and Energy Wire Manufacturing
- 335931 - Current-Carrying Wiring Device Manufacturing
- 335999 - All other miscellaneous electrical equipment and component manufacturing
- 336322 - Other Motor Vehicle Electrical and Electrical Manufacturing

Federal Supply Codes (FSC):

- 5995 - Cable, Cord, and Wire Assemblies: Communication Equipment
- 6145 - Wire and Cable, Electrical
- 6150 - Miscellaneous Electric Power & Distribution Equipment - Appliance and Extension Cords; Electric Power and Distribution Cable with Attachments



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We can manufacture any type of Custom Cable and Custom Cable Assembly to meet your exact needs...

Our Extensive Product Line:

PRODUCT LINE	DESCRIPTION	PHILATRON UL Listing #
Aircraft/Airport Power Cables	400 Hz Power Cable Assemblies - UL and Military Standards	N/A
Appliance & Machine Tool Wire	Dual Rating: MTW/AWMWire	E98586
Automotive & Trucking	Coiled Electrical Cables & Air Hoses - Custom Cable	SAE
Bare Copper Extra Flexible Stranding	Stranded & Solid - 34 AWG to 4000 MCM	N/A
Building Wire	THHN, THWN, THW, & TW, XHHW2, RHW2	E211444
Control & Tray Cables	Multi-Conductors - UL Standard & Custom for +125° C -65° C	E128448
Cord Sets www.flexycord.com	Extension Cords and Power Supply Cords	E133385
Custom Coiled Cords/Cables	Custom Cables and Custom Coiled (Retractable) Cables & Cords	E210164
Electric Vehicle (EV) Cable	EVE, EVJE, EVT, EVJT Made Custom to Customer's Needs	E325807
Low Smoke - Zero Halogen (LSZH)	Public Transit Control Cable Volts Power Cable	E216316
Medium/High Voltage Cable	5KV, 8KV, 15KV, & 35KV	N/A
Military Cables	Specialist in Mil-DTL-3432 CO Special Purpose Power Cables	N/A
Mining Cables	MSHA Approved 600/2000 Volts W Type PPE, G & GGC	7K-281151
Photovoltaic (PV)	UL Listed PV Cable for Solar Installations	E330725
Portable Cable & Cord	Type SEO, STO, Bulk Cable & Extension Cords	E114233
Stage Lighting Cable	Single & Multi-Conductors Type SCE (Rubber) & SCT (PVC)	E156564
Submersible Pump Cables	UL Listed for Deep Well Submersible Pumping Equipment	E211444
Thermo Set/Thermo Plastic	Hypalon, Neoprene, SBR Rubber, EPDM Rubber, XLPE / PVC, Polyurethane, PE, Santoprene, Nylon, TPE, TPV, Teflon	N/A
Underground Feeder - UF	Underground and Branch Circuit Cable	E216310

USA Manufacturer of Electrical Cables ISO/TS 16949 : 2009 Certified
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Veterans of Philatron

U.S. Navy



Phillip M. Ramos Jr.
CEO, Founder & Owner



US Army Air Corps



Phillip Ramos, Sr.
Executive Vice President

U.S. Air Force



Phillip Ramos III
VP - Gov Sales

U.S. Army



David Aguado
Inventory Control Manager

U.S. Navy



Martin Altamirano
Maintenance Manager

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November 19, 2008 • HYATT REGENCY IRVINE

Medium Business Winner



Phillip M. Ramos, Jr., President/CEO/Owner



Founded by Phillip Ramos Jr. in 1974 with less than \$200, Philatron Wire and Cable has come a long way, growing into one of the largest manufacturers of electrical wire and cable in Southern California. Headquartered in Santa Fe Springs, the firm operates out of three buildings in approximately 135,000 square feet of space.

Philatron specializes in manufacturing custom bulk and coiled electrical wire, cables and hoses for industrial applications, original equipment manufacturers, heavy duty trucking and the U.S. military. Philatron's national competitors include General Cable Technologies Corp., Cable Design Technologies, and Parker Hannifin.

Philatron Wire & Cable: Looking Forward to Continued Growth

For more than two decades, Phil Ramos, Jr., who owns Philatron Wire & Cable, attended SCE seminars, workshops, and networking events, and “kept building my relationship with Edison.”

Ramos’ operations began in 1974 with \$200 and now include a 100,000-square-foot manufacturing facility in Santa Fe Springs and a 10,000-square-assembly plant in Tijuana, Mexico.

“In 2009, after years of handling smaller contracts for the utility, we were introduced to the Engineering department,” Ramos says. After passing SCE’s quality and safety audit, the electrical wire and cable manufacturer was approved as a cable and wire provider.



Last year, the firm not only landed a million-dollar contract to provide power cable for SCE’s wind farm project in the Mojave Desert, but was also selected as a participant in the SCE Supplier University Mentoring Program.

“We’re very grateful for the work and for being involved in the Mentoring Program,” says Ramos. “The mentoring includes a team comprised of specialists within SCE, including representatives from Supply Management, Engineering, and Supplier Diversity and Development, as well as ‘coaches’ outside the company.

“The program is designed to provide a better understanding of how to do business with Edison,” Ramos adds, noting he also attends workshops on such topics as marketing, financing, and corporate networking.

For Philatron’s outstanding work, SCE nominated the Latino-owned Company for a Southern California Minority Business Development Council 2010 Supplier of the Year award.

“We feel very blessed and thankful for Edison’s support over the years,” says Ramos. “They’ve been a major supporter and we’re looking forward to continued growth with them.”

Shown in photo: Phil Ramos, Jr., who owns Philatron Wire & Cable, attended SCE seminars, workshops, and networking events to build his company’s relationship with Edison. His firm was selected as a participant in SCE Supplier University Mentoring Program.



PHILATRON

Copper Drawing & Fabrication



For additional
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STALLION

3-times as durable as traditional ABS Power Cables and a warranty to match



Proudly made in the USA
www.philatron.com



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STALLION

3-times as durable as traditional nylon air lines and a warranty to match



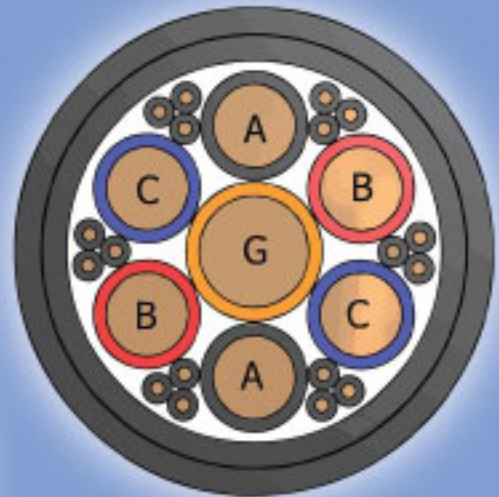
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**Introducing the
Most Advanced 400 Hz Single Jacket Cable Assemblies
in the Industry...From the Most Complete Advanced USA
Manufacturer in the Industry.**



**Made to Perform ...
Made to Last!**

- UL Listed Aircraft Cable - Safety That You Can Trust
- Doubled Belted Reinforced Neoprene Jacket
- + 125°C Rated Flame Resistant Conductors - Helps Prevent Overheating, Shorting & Fire
- -40°C Degrees Performance Below Zero - For extreme climates
- M Class Extra-Flexible Copper Stranding
- Anti-Corking Design
- Tough Rock-Hard Replaceable Nose
- Silver Plated Copper Contacts
- Modular Design

Unlike other providers that outsource all components, Philatron manufactures 100% of all components - cable, connectors, and contacts. From copper rod to finished molded connector under rigid ISO/TS 16949 certified quality programs, Philatron gives you USA quality cables that you can trust that will last with care free problems.

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Eliminate the need for expensive robotic and festoon cables with a Flexy™ patent #8563860 slinky action cable design

Let us design a Flexy™ cable for you

- Appliances & Electrical Tools
- Electrical Machinery
- Electrical Vehicle Charging Stations
- Electronic Equipment
- Extension Cords
- Instrumentation Control Cable
- Lighting Equipment
- Marine Applications
- Medical & Dental Equipment
- Military Power and Communication Devices
- Power Supply Cords with Nema Plugs
- Recreational Vehicles
- UL Listed • NEC Certified



Proudly made in the USA
by Philatron Wire and Cable
www.philatron.com

Flexy™ cable offers the benefit of a shorter retracted length and a very long extension length compared to normal coiled cords and cables. Flexy is designed for extreme environments where exposure to temperature, chemicals, oil, fuel, abrasion and flex fatigue is required. Suitable for any application you can imagine!

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Add Safety to Electrical Vehicles

Philatron is World's Foremost Expert Manufacturer of Coil Cables



Philatron's Coiled EV Cables delivers heavy duty performance, better cable management, and safety.

Conventional EV cables can be hazardous.



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There is a better choice!



Toxins are released into our air from burning wire.

Out with the old!

Because wire and cable is often tucked out of sight, it is easy to ignore the sheer volume of its application in our lives. Yet this volume is what makes the disposal and recycling of wire and cable such an increasingly pressing environmental issue.

Ecologically minded consumers and government bodies have put increasing pressure on wire and cable manufacturers to phase out toxic wire coatings that can release toxins during incineration. Many materials such as TR-XLPE and EPR resins cannot be recycled at all.

Yet the industry continues to use un-cycle able TR-XLPE and EPR, because most alternatives lack TR-XLPE and EPR performance.

Clearly, the status quo needs to change.

In with the new!

Philatron offers a new innovative solution:

Advanced technology has expanded opportunities for developing a new breed of medium voltage cables.

The increasing emphasis on environmental concerns - such as recyclability has led Philatron to seek innovative solutions.

Philatron's new Bronco-EF™ Environmental Friendly Power Cables are made with a special proprietary blend of recycle able thermoplastics which out performs TR-XLPE (tree-retardant cross-linked polyethylene) and EPR (ethylene propylene rubber).

Philatron's Bronco-EF™ cable has a higher dielectric strength value of 38 compared to the TR-XLPE dielectric strength value of 30. The High-Voltage Tracking Resistance (HVTR) of Bronco-EF™ cable's insulation material is zero - giving the benefit of zero arc rupture exposures.

Bronco-EF™ cables are toxic free and are well suited for recyclability - unlike TR-XLPE and EPR insulated power cables.



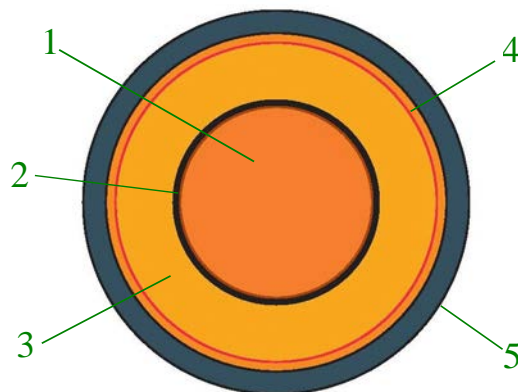


PHILATRON
WIRE AND CABLE

A better choice!

Introducing...

Bronco-EF™ Environmental Friendly Medium Voltage Cables



1. Soft Anneal Copper Conductor.
2. Conductive Screen.
3. High Di-electric Strength Thermoplastic Elastomer Olefin Rubber.
Temperature Rating: +105°C to -70°C.
Resistant to Abrasion, Chemicals, Ozone, Oil, Sunlight, Water, and Electrical Arc Rupture.
Environmental Friendly - Contains No Toxins.
4. Copper Tape Shield.
5. Bronco125™ Thermoplastic Vulcanizate (cross linked) Olefin Rubber.
Temperature Rating: +125°C to -65°C.
Resistant to Abrasion, Chemicals, Flame (MSHA Certified), Ozone, Oil, Sunlight, and Water.

In today's world of global activities, applications of cables in any climate in the world is critical to the integrity of your electrical systems. If the cable fails your system fails. The cables you install to power your systems must be capable of withstanding environmental abuses of abrasion, heat, cold petroleum chemicals, and harsh handling.

Bronco125™ cables are designed to meet the challenges of your system anywhere in the world. Bronco125™ cables gives you excellent flexibility and superior operating temperature ranges from +125°C to -65°C.

Bronco125™ value-to-cost ratio is very high. Bronco125™ cables are intended for users who requires maximum dependability with minimum replacement and down-time expenses.



**American Systems
REGISTRAR**

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Wyoming, MI 49509 USA
www.asrworldwide.com
616-942-6273



American Systems Registrar, LLC, Certificate Number: IAOB-1021

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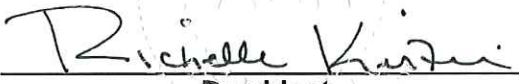
with a scope of:

**DESIGN AND MANUFACTURING OF ELECTRICAL WIRE
AND CABLE AND AIR HOSES**

American Systems Registrar issues this certificate and applicable appendices to Philatron Wire and Cable after assessing their quality system and find it in compliance with the first edition of:

IATF 16949:2016

IATF Certificate Number:	0285251
ASR Certificate Number:	5061-1
Exclusions:	None
Date of Certification:	January 11, 2018
Date of Certification Expiration:	January 10, 2021
Revision:	



Michelle Kautzi
President

CERTIFICATE OF REGISTRATION