



Philafin™ Brand Electrical Power Cable Chosen to Safely Power US Marines in Afghanistan

Philatron Wire and Cable performance outshines competition with electrical power cable type W00061, W00041, W00031 specified by US Marines to only purchase Philafin Brand Cable to safely generate power for extreme weather conditions.

Santa Fe Springs, CA ([PRWEB](#)) June 23, 2010 -- SAIC, Science Applications International Corporation (SAIC), a fortune 500 company, awards [Philatron Wire and Cable](#) with a \$397,000 electrical power cable purchase order for over 53,100 ft of Philafin™ Brand cable. The cable will be used for the Marines stationed in Afghanistan for electrical power generation.

[Philafin™ Brand cable](#) was chosen by US Marines due to its superior temperature ratings and ozone resistance. In Afghanistan, outside desert temperatures reach a scorching 140°F. The current cable applications were demonstrating a high failure rate being connected to 200 kilowatt generators while lying in the desert sand, and would suddenly catch fire due to the obvious heat and power demand. Once these cables catch fire, they burn like paper. This would add additional anxiety for Marines, as they would scramble to put out dangerous explosive flames. The Marines stated they know of at least 10 cases of these fires since the war started.

The Marines discovered the superior Philafin™ brand cable from an internet search for a cable that is necessary for the safety of our US soldiers, and the long life expectancy for power generation. In [MIL-DTL-3432](#), a specification which sets the standard for special purpose electrical cables for all military branches serves satisfactory in some conditions, but it does not have provisions for flame resistance nor cable rated above 98°C (Class E). Most of the cables used by the Army for electrical mobile power are MIL-DTL-3432-Class D which is rated 75°C. This temperature rating is an obvious sign for failure and safety issues used in the extreme temperatures of the Middle East.

Philafin™ Brand, manufactured by US based Philatron Wire and Cable, Inc. is an improved proprietary blend compound which meets and exceeds all materials used in current standards for insulation and jacketing rated at +125°C and is extremely flame resistant. The Marines immediately put out the bid to electrical distributors and Project Management firms for the [Philafin™ Brand](#) desired cable. SAIC won the bid, and contacted Philatron Wire and Cable at once for the production start of this safe electrical cable to be used in Afghanistan.

Philatron Wire and Cable is a premier manufacturer of Electrical Wire and Cable offering Philafin™ brand products as the toughest flexible cables that can withstand rigorous conditions in austere terrain, providing resistance to extreme temperatures (+125æ to -70°C), chemicals, ozone, oil, sun (UV), and sea water. With over 35 years of success and offering over 150 years of electrical engineering experience - company founder, Phil Ramos, Jr. states, "The responsibility of manufacturing safety and electrical current is our main concern from the beginning of manufacturing to the end users of our product". Philatron is a reputable family owned business in Santa Fe Springs, Ca. located just outside of Los Angeles.

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