

Custom Solutions

Molded Single Pole Power Assemblies

Molded Single Pole Power Assemblies are offered in three different varieties – the PA16 Taper Nose, the PA18 Ball Nose, and the PA22 Molded Locking Connector. They can be molded in many colors to fit the requirements of your application. Optional closure caps can be included, if required. All connectors are fully overmolded to the cable jacket to provide excellent environmental protection in ship-to-shore, temporary power, and welding applications.



Ratings IP69K 600V 690A, PA22 only 400A, PA18 and PA16 only

Performance Characteristics ✓ Tensile Pull Strength: 2,000 lbs. PA22 only ✓ UV Resistant

Features & Benefits

ATPC Super-Trex® Cable

Offers superior first-line defense against tearing, abrasion, impact, oil, ozone, and most chemicals. Flame and heat-resistant. Extreme all-weather flexibility.

Vulcanized Rubber Overmold

Reduces cable stress and provides an environmental seal between the cable and the connector head. Can be molded in any color.

Cam Lock Connection

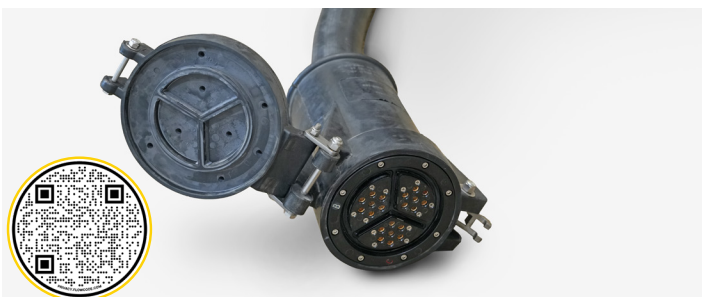
Provides a secure connection with the ability to mate and disconnect quickly.

Double Set Screw Crimp Contact

Provides connection integrity and allows use for cable size up to 500 MCM.

Universal Mating

Mates to any E1016, E1018 or E1022 series specification.



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MIL-C-24368/1 Shore Power Assemblies

MIL-C-24368/1 Shore Power Assemblies are specialized electrical systems that securely link marine vessels to shore power sources. Designed for marine challenges, they provide weather resistance, corrosion protection, and reliable insulation. Enabling efficient electricity transfer while docked, they diminish the need for onboard generators, curbing emissions and noise at ports. A vital component for eco-friendly maritime operations.

Ratings MIL-C-24368/1 Three-Phase 500V 500A 60Hz

Features & Benefits

ATPC Enhanced Plus THOF Ship-To-Shore Power Cable

Engineered to offer enhanced durability against abrasion, sunlight, and varying weather conditions, while maintaining flexibility throughout both summer and winter environments.

Potted Connector Backend

Offers increased robustness at the junction to withstand rain, moisture, salt spray, sunlight, and freezing conditions.

Quick Disconnect

Connections feature a minimal insertion force, a brief engagement span, and reduced contact resistance to facilitate safe and effortless mating.

Customized Adapter Options

Capable of being paired with ATPC's PA22 Molded Locking Connector, ensuring a dependable connection and disconnection to shore-supplied electrical power.



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Molded Power Splitters

ATPC provides an extensive selection of custom-designed compression transfer-molded cable splitters, tailored to suit the unique requirements of each application. These solutions cater to both single and multiple conductor options across various gauge sizes, engineered to withstand the most demanding conditions. We offer the choice of blunt-cut cables or can incorporate the necessary connectors to align with your specific application.

Features & Benefits

ATPC Super-Trex® Cable

Offers superior first-line defense against tearing, abrasion, impact, oil, ozone, and most chemicals. Flame and heat-resistant. Extreme all-weather flexibility.

Vulcanized Rubber Overmold

Reduces cable stress and provides an environmental seal between the cable and conductor terminations. Can be molded in any color.

Fully Customizable

Can be molded with single or multiconductor cables up to 1.75" OD. Leads can be connectorized to meet specifications and reduce installation cost.