**Medium-Voltage Cable**

**Type SH Single Conductor**

**15kV Class • 90°C**

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**Conductors**
Flexible tin-coated soft annealed bunch stranded copper meeting ASTM B-33

**Conductor Shield**
Combination semi-conducting tape and/or extruded semiconductive thermosetting material

**Insulation Shield**
Tin-coated copper braid applied over a semiconductive tape (5-15kV)

**Insulation**
Heat, moisture and ozone resisting 90°C Ethylene-Propylene rubber (EPR) meeting ICEA S-75-381/NEMA WC58

**Jacket**
CPE meeting ICEA S-75-381/NEMA WC58. Consult factory for availability of other jacket materials.

**Identification**
Cable shall be surface printed showing manufacturer, size, voltage rating, type and temperature rating.

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**Application**
These single conductor portable power cables are extremely flexible and specifically designed for use on mobile substation equipment. The Type SH cable is often necessary for supplying power while replacing damaged utility poles or during routine maintenance of substations.

**Features**
- Extremely flexible stranding for ease of bending
- The conductor shield is bonded to the insulation – providing easy, clean stripping
- Jacket is heat, oil, flame and chemical resistant
- Continuous conductor temperature 90°C
- Jackets available in voltage colors, yellow (5 & 8kV), orange (15kV), red (25 & 35kV). Consult factory for availability of other colors.

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**Ratings & Approvals**
- ASTM B-33: Standard Specification for Tinned Soft or Annealed Copper Wire for Electrical Purposes
- ICEA S-75-381/NEMA WC-58: Portable and Power Feeder Cables for Use in Mines and Similar Applications

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**Rent Direct**

**Simplex Onsite**

Rental Centers:
Springfield, IL; Atlanta; Denver; Houston

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**Buy It Connectorized!**

Factory installed terminations and assemblies from SOS help lower your overall connectivity costs.

- Lugs
- Couplers
- Loadbreak Elbows
- Rain Shields
## 15kV Single Conductor Portable Power Cable – Type SH

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Size AWG/ kcmil</th>
<th>Minimum Wires per Conductor</th>
<th>Nominal Insulation Thickness in.</th>
<th>Nominal Jacket Thickness in.</th>
<th>Nominal Outside Diameter in.</th>
<th>Approx. Weight lbs. per 1,000 ft.</th>
<th>Ampacity 90°C</th>
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