

# **General Purpose Primary Automotive Wire (GPT)** 80°C or 105°C. 60 Volts DC or 25 Volts AC. Flexible Stranded Copper Conductor. PVC Insulation.

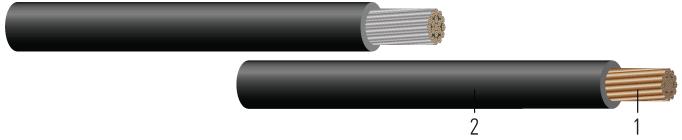


Image not to scale. See Table 1 for dimensions.

### **CONSTRUCTION:**

- 1. **Conductor:** Flexible stranded bare copper. Tinned copper available upon request
- 2. **Insulation**: Polyvinyl Chloride (PVC). All colors available; Stripes available upon request

#### **APPLICATIONS AND FEATURES:**

Intended for use at nominal system voltage of 60 Volts DC (25 Volts AC) or less in surface vehicle electrical systems.

#### **SPECIFICATIONS:**

- ASTM B3 Soft or Annealed Copper Wire
- SAE J1128 Surface Vehicle Standard Low Voltage Primary Cable
- Chrysler MS-3450 (105°C Wires)
- Ford ESF-M1L56 (80°C Wires)
- Chrysler MS-3450 (80°C Wires)
- Ford ESF-M1L58-A (105°C Wires)





## Table 1 – Physical and Electrical Data

| Stock<br>Number | Cond.<br>Size | Cond.<br>Number | Cond.<br>Strands | Diameter Over<br>Cond. | Insul.<br>Thickness | Approx.<br>OD | Approx.<br>Weight | DC Resistance @<br>25°C | AC Resistance @<br>75°C |
|-----------------|---------------|-----------------|------------------|------------------------|---------------------|---------------|-------------------|-------------------------|-------------------------|
|                 | AWG           | No.             | strands          | inch                   | mil                 | inch          | lb /1000ft        | Ω /1000ft               | Ω /1000ft               |
| GPT             |               |                 |                  |                        |                     |               |                   |                         |                         |
| F14014          | 14            | 1               | 19               | 0.073                  | 23                  | 0.117         | 15                | 2.814                   | 3.391                   |

All dimensions are nominal and subject to normal manufacturing tolerances

Ampacity



<sup>♦</sup> Cable marked with this symbol is a standard stock item

TBA stock codes are estimations only and actual product may vary. Please wait until a stock code is assigned to purchase connectors and/or fittings.