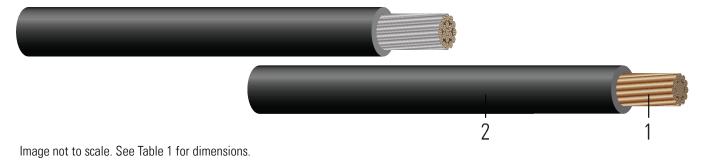


# **General Purpose Primary Automotive Wire (GPT)** 80°C or 105°C. 60 Volts DC or 25 Volts AC. Flexible Stranded Copper Conductor. PVC Insulation.



## **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
- Ford ESF-M1L56 (80°C Wires)
- Chrysler MS-3450 (80°C Wires)
- Chrysler MS-3450 (105°C Wires)
- Ford ESF-M1L58-A (105°C Wires)



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#### Table 1 – Physical and Electrical Data

| <br>Stock<br>Number | Cond.<br>Size<br>AWG | Cond.<br>Number<br>No. | Cond.<br>Strands<br>strands | Diameter Over<br>Cond.<br>inch | Insul.<br>Thickness<br>mil | Approx.<br>OD<br>inch | Approx.<br>Weight<br>Ib /1000ft | DC Resistance @<br>25°C<br>Ω /1000ft | AC Resistance @<br>75°C<br>Ω /1000ft |
|---------------------|----------------------|------------------------|-----------------------------|--------------------------------|----------------------------|-----------------------|---------------------------------|--------------------------------------|--------------------------------------|
| GPT                 |                      |                        |                             |                                |                            |                       |                                 |                                      |                                      |
| F18010              | 18                   | 1                      | 16                          | 0.044                          | 23                         | 0.092                 | 8                               | 7.148                                | 8.613                                |

All dimensions are nominal and subject to normal manufacturing tolerances

 $\Diamond$  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.

Ampacity



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