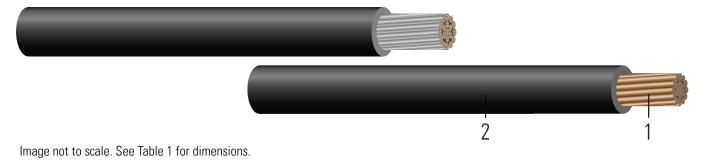


# **General Purpose Primary Automotive Wire (GPT)** 80°C or 105°C. 60 Volts DC or 25 Volts AC. Flexible Stranded Copper Conductor. PVC Insulation.



## **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

 Stock Number	Cond. Size AWG	Cond. Number No.	Cond. Strands strands	Diameter Over Cond. inch	Insul. Thickness mil	Approx. OD inch	Approx. Weight Ib /1000ft	DC Resistance @ 25°C Ω /1000ft	AC Resistance @ 75°C 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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