

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

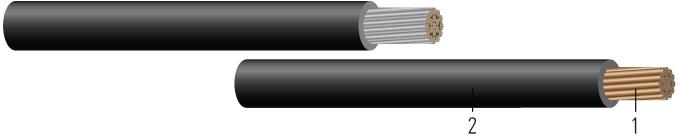


Image not to scale. See Table 1 for dimensions.

#### **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
- 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)







## Table 1 – Physical and Electrical Data

Stock Number	Cond. Size	Cond. Number	Cond. Strands	Diameter Over Cond.	Insul. Thickness	Approx. OD	Approx. Weight	DC Resistance @ 25°C	AC Resistance @ 75°C
	AWG	No.	strands	inch	mil	inch	lb /1000ft	Ω /1000ft	Ω /1000ft
GPT									
F08031	8	1	19	0.145	37	0.222	61	0.679	0.818

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.