



## Primary Automotive Lead Wire

125°C. 60 Volts DC or 25 Volts AC. Flexible Stranded Copper Conductor. XLPE Insulation.



Image not to scale. See Table 1 for dimensions.

### CONSTRUCTION:

1. **Conductor:** Flexible stranded bare copper. Tinned copper available upon request
2. **Insulation:** Cross Linked Polyethylene (XLPE). 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.

- GXL - General Purpose
- SXL - Special Purpose
- TXL - Thin Wall

### SPECIFICATIONS:

- ASTM B3 Soft or Annealed Copper Wire
- SAE J1128 Surface Vehicle Standard Low Voltage Primary Cable
- Ford ESB-M1L85-A
- Chrysler MS-8900
- Chrysler MS-5919
- Ford ESB-M1L123A
- Chrysler MS-8288





**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            |
| TXL          |            |              |               |                     |                  |            |                |                      |                      |
| F18025       | 18         | 1            | 19            | 0.044               | 16               | 0.078      | 6              | 7.148                | 8.613                |

All dimensions are nominal and subject to normal manufacturing tolerances

◊ Cable marked with this symbol is a standard stock item

GXL meets Ford ESB-M1L85-A, Chrysler MS-8900

SXL meets Ford ESB-M1L85-A, Chrysler MS-5919

TXL meets Ford ESB-M1L123A, Chrysler MS-8288

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

