

FLEXIBLE SPECIAL PURPOSE AUTOMOTIVE PRIMARY WIRE

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



Images not to scale and for reference only. See Table 1 for Dimensions

CONSTRUCTION:

Conductors: Flexible stranded bare copper; See Table 1 for Stranding Details.

Insulation: Crosslinked Polyethylene (XLPE)

Colors: All Colors available; Stripes available upon request

APPLICATIONS AND FEATURES:

Per SAE J1128, these products are intended for use at a nominal system voltage of 60 V DC (25 V AC) or less in surface electrical systems. 600V or 1,000V products per SAE J1654 may be available on special order. Contact sales.

Tinned copper and other stranding configurations may also be available upon request. Contact sales.

SPECIFICATIONS:

- ASTM B3
- SAE J1128
- Ford ESB-M1L85-A
- Chrysler MS-5919

FEATURES:

- Moisture Resistant
- Oil and Gasoline Resistant
- Abrasion Resistant

TABLE 1 - WEIGHTS & MEASUREMENTS

Stock Code	SAE Cond. Size (AWG)	Number of Strands	Nominal Insulation Thickness (inches)	Nominal OD (inches)	Nominal Weight (Lbs/Mft)
SXL J1128/ESB-M1L85-A/MS-5919					
F20024	20	7	0.030	0.096	7
F18026	18	16	0.030	0.102	9
F18091*	18	19	0.030	0.102	9
F16020	16	19	0.032	0.118	13
F14024	14	19	0.035	0.137	19
F12017	12	19	0.037	0.160	27
F10005	10	19	0.041	0.191	42
F08033	8	19	0.043	0.234	65

All dimensions are nominal and subject to nominal manufacturing tolerances

* This construction is not covered in Ford ESB-M1L85-A or Chrysler MS-5919.



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