

FLEXIBLE 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:

Conductor 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) electrical systems. Tinned copper and other stranding configurations may also be available upon request

SPECIFICATIONS:

- ASTM B3
- SAE J1128
- Ford ESB-M1L85-A
- Chrysler MS-8900

FEATURES:

- Moisture Resistant
- Oil and Gasoline Resistant
- Abrasion Resistant

AVAILABLE SPECIFICATIONS:

- UL 2276 - Recreational Vehicle Cables

SAMPLE PRINT LEGEND (UL Products only):

E336814 (PLANT ID CODE) SAE 18 AWG (0.8mm²) GXL (UL)



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FLEXIBLE HOOK-UP WIRE / APPLIANCE WIRE

TABLE 1 - WEIGHTS & MEASUREMENTS

Stock Code	SAE Cond. Size (AWG)	Number of Strands	Nominal Insulation Thickness (inches)	Nominal OD (inches)	Nominal Weight (Lbs/Mft)
GXL J1128/ESB-M1L85-A/MS-8900 †					
F20022	20	7	0.023	0.086	
F18021*	18	16	0.023	0.092	
F18022	18	16	0.023	0.092	
F16014	16	19	0.023	0.103	
F14021	14	19	0.023	0.117	
F12012	12	19	0.026	0.142	
F10004	10	19	0.031	0.179	
F08011*	8	19	0.037	0.216	
UL/SAE GXL J1128, UL 2276**					
F20069	20	7	0.023	0.086	
F18089	18	16	0.023	0.092	
F18157	18	19	0.023	0.092	
F16053	16	19	0.023	0.103	
F14049	14	19	0.023	0.117	
F12034	12	19	0.026	0.142	
F10019	10	19	0.031	0.179	
F08005	8	19	0.037	0.216	

All dimensions are nominal and subject to nominal manufacturing tolerances

† These products do not have print. Only the UL/SAE products have print.

* These constructions are not covered in Chrysler MS-8900.

** UL Recreational Vehicle Cables are rated 24 volts per UL 2276.



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