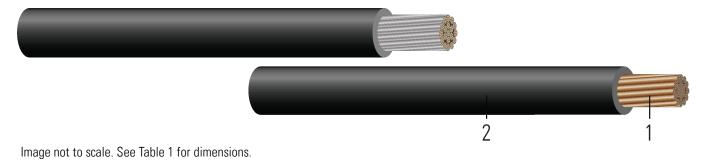


Thin Wall Primary Automotive Wire (TWP) 80°C. 60 Volts DC or 25 Volts AC. Flexible Stranded Bare Copper Conductor. PVC Insulation.



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
- Chrysler MS-7889
- Ford ESB-M1L120-A



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
TWP									
F20020	20	1	7	0.037	16	0.070	5	11.319	13.638

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



Southwire Company, LLC | One Southwire Drive, Carrollton, GA 30119 | www.southwire.com

Copyright © 2025 Southwire Company, LLC. All Rights Reserved

UPDATED: Dec. 31, 2024, 11:08 p.m.UT(