

AWM 1017, PVC Insulated Single Conductor Appliance Wiring Material



UL AWM style 1017 is the 80°C single-conductor PVC wire for internal wiring where the conductor is fixed and the maximum continuous temperature stays well below the 1015 or 1028 ceiling. The style fixes a 45 mil minimum average insulation wall over 22AWG to 8AWG conductors, which is thicker than a 1015 wall at the same gauge, so the finished wire resists chafing and cut-through better in a crowded panel. It keeps the 600Vac rating and the horizontal flame requirement, and it accepts optional oil resistance at 60°C or 80°C. Typical orders are panel and appliance internal leads in 22AWG to 8AWG, in the standard colour code, cut to length with stripped and tinned ends.

Our AWM 1017 Power Cable products are fully molded with a low profile ergonomic design and RoHS, REACH and PAHS compliant.

American UL AWM Power Cables

Specifications

Label	Value
Plug Cables Standard:	UL 758
Number of Wires	single conductor
Rated Voltage:	600V
Rated Temperature:	80°C
Copper Conductor Material:	Oxygen free Copper (OFCU)
Outer Jacket Material:	PVC, Rubber, Halogen-Free, Textile braid
Blade Material:	Nickel coated Brass
Flamability Rating:	UL 94V-0
Color:	black is standard but any color available
Temperature Rating:	minus 40°C though plus 75°C
Approvals:	UL, cUL Certified List
Environmental Certifications:	RoHS, REACH, PAHS
Testing:	Hi-Pot (Dielectric Withstanding Voltage), Polarity (pinout) and Continuity
Packing:	Standard Export Carton

Our other certificated products



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