

UL 1015 Hook-Up Wire

This hook-up wire is designed for internal wiring of electronic and electrical equipment. It has a 105°C rated temperature and 600V rated voltage.



Overview

High-Performance UL 1015 Hook-Up Wire

The UL 1015 Hook-Up Wire is a versatile solution designed for the internal wiring of electronic and electrical equipment. Featuring high-grade PVC insulation and a choice of tinned or bare copper conductors, it ensures reliable connectivity and durability. Its uniform insulation thickness facilitates easy stripping and cutting, making it an efficient choice for high-volume manufacturing environments.

Key Ratings

Core Performance Metrics

600 V Rated Voltage	105 °C Rated Temperature
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Compliance & Standards

Flame Resistance

UL VW-1 • CSA FT1

Environmental Compliance

RoHS • Lead-Free

Reference Standards

UL 758, UL 1581, CSA C22.2 No. 210

Construction

Conductor Material	Tinned or bare, stranded or solid copper
Insulation Material	Colour-coded lead free PVC
Conductor Size Range	32 AWG to 3/0 AWG

Technical Specifications

Detailed Wire Dimensions

AWG	Stranding (No./mm)	Insulation Nom. Thick (mm)	Nom. Outer Dia. (mm)	Max Resistance 20°C (Ω/km)
26	7/0.16	0.82	2.12	139
24	11/0.16	0.79	2.19	88.9
22	17/0.16	0.82	2.4	57.5
20	26/0.16	0.82	2.58	34.6
18	16/0.254	0.82	2.8	23.3
16	26/0.254	0.79	3.08	15.1
14	41/0.254	0.79	3.46	9.2
12	65/0.254	0.79	3.97	5.4
10	66/0.32	0.79	4.56	4.1

Applications

Primary Application

- Internal wiring of electronic equipment
- Internal wiring of electrical equipment
- High-temperature environments up to 105°C
- Applications requiring 600V rated insulation