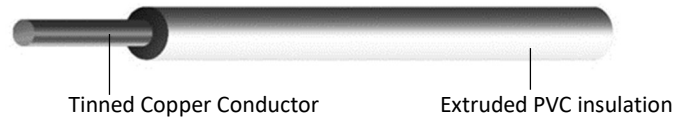


UL Style 1015 Hook-UP Wire (Solid conductor)

PVC insulated / 105°C 600V

UL Recognized: E209277




P/N: 1015-XX-1-2000-OXX-1-TD

Conductor		Insulation		Electrical Character		
Solid Diameter AWG (mm <sup>2</sup> )	Composition No/Diameter of Component Wire (mm)	Insulation Thickness (mm)	Overall Diameter (mm)	Mini Insulation Resistance at 20°C (Ω/kft)	Sparking Test 1 Sec.	Maximum Conductor Resistance Ω/kft 20°C
26AWG (0.12mm <sup>2</sup> )	1/0.404 Solid	0.8	2.00(±0.10)	DC 500V >10MΩ-km	1500AC	43.53
24AWG (0.22mm <sup>2</sup> )	1/0.511 Solid	0.8	2.10(±0.10)	DC 500V >10MΩ-km	1500AC	27.25
22AWG (0.33mm <sup>2</sup> )	1/0.643 Solid	0.8	2.25(±0.10)	DC 500V >10MΩ-km	1500AC	16.50
20AWG (0.53mm <sup>2</sup> )	1/0.813 Solid	0.8	2.40(±0.10)	DC 500V >10MΩ-km	1500AC	10.30
18AWG (0.84mm <sup>2</sup> )	1/1.024 Solid	0.8	2.65(±0.10)	DC 500V >10MΩ-km	1500AC	6.52
16AWG (1.3mm <sup>2</sup> )	1/1.29 Solid	0.8	2.90(±0.10)	DC 500V >10MΩ-km	1500AC	4.10
14AWG (2.1mm <sup>2</sup> )	1/1.63 Solid	0.8	3.25(±0.10)	DC 500V >10MΩ-km	1500AC	2.57
12AWG (3.3mm <sup>2</sup> )	1/2.05 Solid	0.8	3.65(±0.1)	DC 500V >10MΩ-km	1500AC	1.62
10AWG (5.3mm <sup>2</sup> )	1/2.588 Solid	0.8	4.20(±0.1)	DC 500V >10MΩ-km	1500AC	1.02

1. Scope: Concerning on UL758 the size from 30AWG to 2000kcmil working temperature 600V 105°C
2. Conductor: Solid tinned copper, 30AWG-2000kcmil
3. Insulation Material: Extruded PVC

4. Reference strand: UL758/1581

5. Surface Printing:

 AWM STYLE 1015 E209277 105°C 600V AWG CSA TYPE AWM IA LL206504 FT1 105°C  
600V AWG 3A LF

6. Electrical and Physical character

Unaged: Elongation:100%

Tensile Strength: 1500lbf/in<sup>2</sup>

After aged: Test specimens being kept in an air oven with 136°C(±1°C) for 168 Hours

Elongation:65% result of unaged test specimen

Tensile Strength: 70% result of the unaged test specimen.

Flame Test: FT1 : Conforming to UL758 method to test

7. Dielectric Withstand Voltage Test: 3000V for 1 minute No Breakdown

8. Packing: 2000ft per reel, Tolerance -1%

9. Country of Origin: Taiwan

P/N's & COLORS				
1015-XX-1-2000-001-1-TD BLACK	1015-XX-1-2000-002-1-TD WHITE	1015-XX-1-2000-003-1-TD YELLOW	1015-XX-1-2000-004-1-TD RED	1015-XX-1-2000-005-1-TD BLUE
1015-XX-1-2000-006-1-TD BROWN	1015-XX-1-2000-007-1-TD GREEN	1015-XX-1-2000-008-1-TD ORANGE	1015-XX-1-2000-011-1-TD GREEN + YELLOW	