

Hook-up Wire 90°C 1000VAC

Product Description

- Solid or stranded , tinned copper conductor, 30-9AWG
- Lead Free PVC Insulation.
- Rated temperature: 90°C; Rated voltage:AC-1000V, DC-1200V.
- Uniform thickness of wire to ensure easy stripping and cutting.
- Passed UL VW-1&CSA FT1vertical flame test.

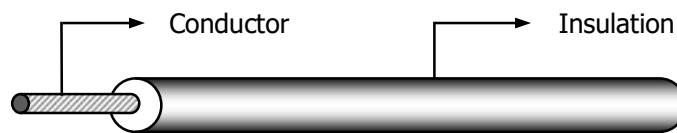
Technical Specification

- Insulation Potential Strength: 2000 VAC/min
- UL Rated temperature: 90°C
- Rated voltage:AC-1000V, DC-1200V.

Applications

- For general purpose internal wiring of electrical, and electrical equipment

Structure & electrical properties



UL1032 CSA TR-32	Conductor		Insulation Thickness (mm)	Overall Diameter (mm)	Tolerance (mm)	Maximum Conductor Resistance (Ω/km)	Permissible Current (at30°C) (A)	Minimum Insulation (MΩ/km)
	AWG	No./mm						
Stranded	26	7/0.160	0.78	2.05	±0.15	153	5	15
	24	11/0.160		2.20		95.8	7	
	22	17/0.160		2.40		60.7	9	
	20	21/0.180		2.60		38.1	12	
	18	34/0.180		2.80		23.9	17	
	16	26/0.254		3.10	14.9	22		
	14	41/0.254		3.50	9.32	30		
	12	65/0.254		4.10	5.88	40		
	10	105/0.254		4.80	3.62	55		
Top-Coated (ATC)	26	7/0.160	0.78	2.05	±0.15	153	5	15
	24	7/0.200		2.20		95.8	7	
	22	7/0.254		2.40		60.7	9	
	20	7/0.320		2.60		38.1	12	
	18	7/0.400		2.80		23.9	17	
Solid (TA)	26	1/0.404	0.78	2.00	±0.15	145	5	15
	24	1/0.511		2.15		91.1	7	
	22	1/0.643		2.35		57.5	9	
	20	1/0.813		2.50		36.0	12	
	18	1/1.020		2.70		22.7	17	
	16	1/1.290		3.00		14.2	22	