

## Hook Up Wire 80°C 300V

### Product Description

- Tinned, Bared, Stranded or Solid Copper Conductor, 32-16AWG.
- Lead Free PVC Insulation.
- Passed UL VW-1& CSA FT1 Vertical Flame Test.

### Technical Specification

- Insulation Potential Strength: 2000 VAC/min
- UL Rated temperature: 80°C.
- CSA Rated Temperature 90°C.
- Rated Voltage: 300 Volts.
- Dimension Tolerance: ± 0.10 mm.

### Applications

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

### Structure & Electrical Properties



UL1007 CSA TR-64	Conductor		Insulation		Maximum Conductor Resistance (Ω /km)	Permittable Current (A)
	AWG	NO./mm	Thickness (mm)	Overall Diameter (mm)		
Stranded	32	7/0.080	0.38	1.00	703.0	1.60
	30	7/0.100		1.10	397.0	2.00
	28	7/0.127		1.20	248.0	2.50
	26	7/0.160		1.30	152.0	3.50
	24	11/0.160		1.45	88.60	5.00
	22	17/0.160		1.60	62.50	7.00
	20	21/0.180		1.85	39.50	9.00
	18	34/0.180		2.10	24.40	13.0
	16	26/0.254		2.40	15.60	17.0
Top-Coated (ATC)	30	7/0.100		1.10	397.0	2.00
	28	7/0.127		1.20	248.0	2.50
	26	7/0.160		1.30	152.0	4.00
	24	7/0.200		1.45	88.60	5.30
	22	7/0.254		1.60	62.50	7.20
	20	7/0.320		1.85	39.50	10.0
Solid (TA)	28	1/0.320		1.15	232.1	2.90
	26	1/0.404		1.25	155.0	3.80
	24	1/0.511		1.40	92.40	5.30
	22	1/0.643	1.55	60.10	7.20	
	20	1/0.813	1.70	37.00	9.40	
	18	1/1.020	1.96	23.60	13.0	