

## Hook-up Wire 105°C 300V

### Product Description

- Tinned, bared, stranded or Solid copper Conductor,30-16AWG
- Lead Free PVC Insulation.
- Rated temperature:105°C; voltage:300Volts
- Uniform thickness of wire to ensure easy stripping and cutting.
- Passed UL VW-1&CSA FT1 vertical flame test.

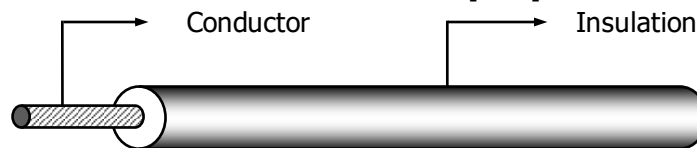
### Technical Specification

- Insulation Potential Strength: 2000 VAC/min
- UL Rated temperature: 105°C.
- Rated Voltage: 300 Volts.
- Dimension Tolerance:  $\pm 0.10$  mm.

### Applications

- Internal wiring in electronic equipments.

### Structure & electrical properties



UL1674 CSA AWM IA/B	Conductor		Insulation	Overall Diameter (mm)	Maximum Conductor Resistance ( $\Omega$ /km)	Permittable Current (A)
	AWG	No./mm	Thickness (mm)			
Stranded	30	7/0.100	0.32	0.95	397	3
	28	7/0.127		1.05	248	4
	26	7/0.160		1.15	152	5
	24	11/0.160		1.30	88.6	7
	22	17/0.160		1.40	62.5	10
	20	21/0.180		1.60	39.5	13
	18	34/0.180		1.85	24.4	18
	16	26/0.254		2.20	15.6	24
Top-Coated (ATC)	28	7/0.127		1.05	248	4
	26	7/0.160		1.15	152	5
	24	7/0.200		1.30	88.6	7
	22	7/0.254		1.40	62.5	10
	20	7/0.320		1.60	39.5	13
Solid (TA)	28	1/0.320		1.00	232.1	4
	26	1/0.404		1.10	155	5
	24	1/0.511	1.20	92.4	7	
	22	1/0.643	1.30	60.1	10	
	20	1/0.813	1.50	37.0	13	