

## Hook-up Wire 105°C 300V

### Product Description

- Tinned, bared, stranded or Solid copper, Conductor, 30-10AWG
- Lead Free PVC Insulation.
- Rated temperature: 105°C; Rated voltage: 300Volts.
- Passed UL VW-1&CSA FT1vertical flame test.

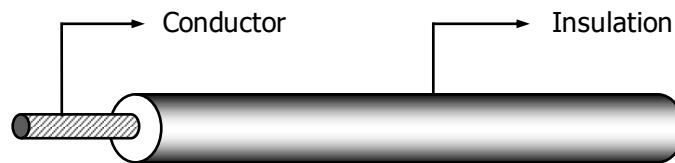
### Technical Specification

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

### Applications

- For Internal wiring of electronic and electrical Equipment

### Structure & electrical properties



UL 1569	Conductor		Insulation	Overall Diameter (mm)	Maximum Conductor Resistance ( $\Omega$ /km)	Permissible Current (A)
	AWG	No./mm	Thickness (mm)			
Stranded	30	7/0.100	0.38	1.10	397	3
	28	7/0.127		1.20	248.0	4
	26	7/0.160		1.30	152.0	5
	24	11/0.160		1.45	88.6	7
	22	17/0.160		1.60	62.50	10
	20	21/0.180		1.85	39.50	13
	18	34/0.180		2.10	24.40	18
	16	26/0.254		2.40	15.60	24
Top-Coated (ATC)	28	7/0.127		1.20	248.0	4
	26	7/0.160		1.30	152.0	5
	24	7/0.200		1.45	88.60	7
	22	7/0.254		1.60	62.50	10
	20	7/0.320		1.85	39.50	13
	18	7/0.400		2.10	24.40	18
Solid (TA)	28	1/0.320		1.15	232.1	4
	26	1/0.404	1.25	155.0	5	
	24	1/0.511	1.40	92.40	7	
	22	1/0.643	1.55	60.10	10	
	20	1/0.813	1.70	37.00	13	
	18	1/1.020	1.96	23.60	18	

