

## Hook-up Wire 105°C 300V

### Product Description

- Solid or stranded, tinned copper conductor, 40-10AWG.
- Rated temperature: 105°C; Rated voltage: 300Volts.
- MPPE Insulation, Passed UL VW-1 & CSA FT1 vertical flame test
- Reference standard: UL 785, UL 1581, CSA C22.2 No.210.

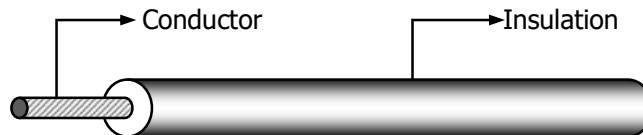
### Technical Specification

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

### Applications

- Suitable for internal wires of electronic and electrical equipment

### Structure & electrical properties



UL 11027	Conductor		Insulation	Overall Diameter (mm)	Maximum Conductor Resistance ( $\Omega$ /km)	Permissible Current (A)
	AWG	No./mm	Thickness (mm)			
Stranded	30	7/0.100	0.20	0.70	397	3
	28	7/0.127		0.78	248	4
	26	7/0.160		0.88	152	5
	24	11/0.160		1.00	88.6	7
	22	17/0.160		1.14	62.5	10
	20	21/0.180		1.33	39.5	13
	18	34/0.180		1.58	24.4	18
Solid (TA)	16	26/0.254		1.88	15.6	24
	30	1/0.254		0.65	377	3
	28	1/0.320		0.75	232	4
	26	1/0.404		0.85	155	5
	24	1/0.500		0.90	92.4	7
	22	1/0.643		1.05	60.1	10
	20	1/0.813		1.20	37.0	13
	18	1/1.020	1.45	22.0	18	