

Hook-up Wire 105°C 300V

Product Description

- Tinned, bared, stranded or solid copper conductor, 28-12AWG
- Lead Free PVC Insulation, Nylon jacket.
- Rated temperature:105°C; 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: ± 0.10 mm.

Applications

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

Structure & electrical properties



UL1010	Conductor		Insulation	Jacket	Overall Diameter (mm)	Maximum Conductor Resistance (Ω /km)	Permissible Current (A)
	AWG	NO./mm	Thickness (mm)	Thickness (mm)			
Stranded	28	7/0.127	0.38	0.05	1.35	248.0	4
	26	7/0.160			1.45	152.0	5
	24	11/0.160			1.55	88.60	7
	22	17/0.160			1.75	62.50	10
	20	21/0.180			1.95	39.50	13
	18	34/0.180			2.20	24.40	18
	0.08	16		26/0.254	2.25	15.60	24
		14		41/0.254	2.70	9.90	33
		12		65/0.254	2.90	6.24	45
					0.05	1.35	248.0
Top-Coated (ATC)	26	7/0.160		1.45	152.0	5	
	24	7/0.200		1.55	88.60	7	
	22	7/0.254		1.75	62.50	10	
	20	7/0.320		1.95	39.50	13	
	0.05	1.35		248.0	4		
Solid (TA)	26	1/0.404		1.40	152.0	5	
	24	1/0.511		1.50	88.60	7	
	22	1/0.643		1.60	62.50	10	
	20	1/0.813	1.80	39.50	13		
	0.08	18	1/1.020	2.05	24.40	18	
				0.05	1.35	248.0	4