

## Irradiated XL-PVC Wire 105°C 300V

### Product Description

- Solid or stranded, tinned or bare copper Conductor, 30-16AWG
- Lead Free XL-PVC Insulation.
- Rated temperature: 105°C; voltage 300 Volts
- Passed UL VW-1 & CSA FT1 vertical flame test.
- Resistant to heat, cold, abrasion, tinned flexibility, cut-through, oil, etc.

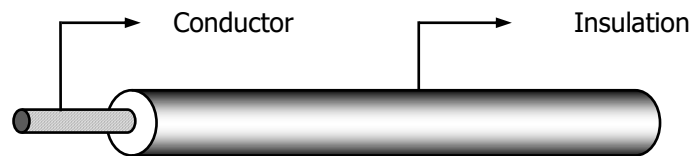
### Technical Specification

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

### Applications

- For electric Cookers, Hair dryers, Internal transformer coils, Air-conditioners, Lights fixture, Electric ovens etc.

### Structure & electrical properties



UL1430 CSA AWM 1A/B	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	397.0	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	62.5	10
	20	21/0.180		1.75	39.5	13
	18	34/0.180		2.05	24.4	18
	16	26/0.254		2.30	15.6	24
Top-Coated (ATC)	30	7/0.100		1.10	397	3
	28	7/0.127		1.20	248	4
	26	7/0.160		1.30	152	5
	24	7/0.200		1.45	88.6	7
	22	7/0.254		1.60	62.5	10
	20	7/0.320		1.75	39.5	13
Solid (TA)	26	1/0.404		1.25	155	5
	24	1/0.511	1.40	92.4	7	
	22	1/0.643	1.55	60.1	10	
	20	1/0.813	1.65	37.0	13	
	18	1/1.020	1.90	23.6	18	