

**Irradiated Polyethylene Wire 105°C 600V**

**Product Description**

- Solid or stranded, tinned copper conductor, 26-9AWG.
- Rated temperature: 105°C; Rated voltage: 600Volts.
- Non-PVC Insulation (XL-PE), Passed UL VW-1 vertical flame test.
- Halogen free XL-PE insulation, Horizontal Flame Test.

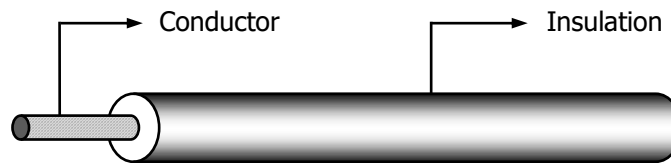
**Technical Specification**

- Insulation Potential Strength: 2000 VAC/min
- UL Rated temperature: 105°C.
- Rated Voltage: 600 Volts.
- Dimension Tolerance: ± 0.10 mm.

**Applications**

- Suitable for fixed internal wires of household Appliance, headlamp, mechanical etc.

**Structure & electrical properties**



UL10369 CSA AWM IA	Conductor		Insulation	Overall Diameter (mm)	Maximum Conductor Resistance (Ω/km)	Permissible Current (A)
	AWG	No./mm	Thickness (mm)			
Stranded	26	7/0.160	0.51	1.6	152	5
	24	11/0.160		1.7	88.6	7
	22	17/0.160		1.85	62.5	10
	20	21/0.180		2.05	39.5	13
	18	34/0.180		2.30	24.4	18
	16	26/0.254		2.60	15.6	24
	14	41/0.254		3.00	9.90	33
	12	65/0.254		3.50	6.24	45
	10	105/0.254		4.10	4.15	58
Solid (TA)	26	1/0.404		1.50	155	5
	24	1/0.500		1.60	92.4	7
	22	1/0.643		1.70	60.1	10
	20	1/0.813		1.90	37.0	13
	18	1/1.020		2.10	22.0	18