

Irradiated Polyethylene Wire 105°C 300V**Product Description**

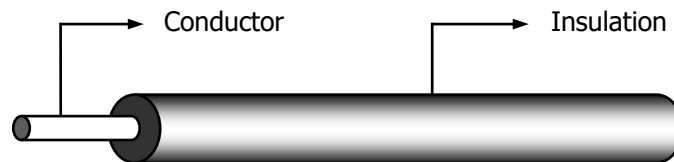
- Solid or stranded, tinned copper conductor, 40-10 AWG.
- Rated temperature:105°C; Rated voltage: 300Volts.
- Non-PVC Insulation (XL-PE). Passed UL-VW-1Vertical flame test.
- Halogen free XL-PE insulation.

Technical Specification

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

Applications

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

Structure & electrical properties

UL 10368	Conductor		Insulation	Overall Diameter (mm)	Maximum Conductor Resistance (Ω /km)	Permissible Current (A)
	AWG	No./mm	Thickness (mm)			
Stranded	32	7/0.080	0.23	0.75	703	1.6
	30	7/0.100		0.80	397	3
	28	7/0.127		0.90	248	4
	26	7/0.160		1.00	152	5
	24	11/0.160		1.15	88.6	7
	22	17/0.160		1.30	62.5	10
	20	21/0.180		1.50	39.5	13
	18	34/0.180		1.75	24.4	18
Solid (TA)	16	26/0.254		2.05	15.6	24
	28	1/0.320		0.80	232	4
	26	1/0.404		0.90	155	5
	24	1/0.500		1.00	92.4	7
	22	1/0.643		1.15	60.1	10
	20	1/0.813		1.30	37.0	13
	18	1/1.020		1.50	22.0	18