

Irradiated Polyethylene Wire 150°C 600V**Product Description**

- Solid or stranded, tinned copper conductor, 30-10AWG.
- Rated temperature: 150°C; Rated voltage: 600Volts.
- Non-PVC Insulation (XL-PE), Passed UL VW-1 vertical flame test.
- Halogen free XL-PE insulation.

Technical Specification

- Insulation Potential Strength: 2000 VAC/min
- UL Rated temperature: 150°C.
- Rated Voltage: 600 Volts.

Applications

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

Structure & electrical properties

UL 3289	Conductor		Insulation	Overall Diameter (mm)	Tolerance (mm)	Maximum Conductor Resistance (Ω /km)	Permissible Current (A)
	AWG	No./mm	Thickness (mm)				
Stranded	30	7/0.100	0.76	1.85	± 0.10	397	3
	28	7/0.127		1.90		248	5
	26	7/0.160		2.10		152	6
	24	11/0.160		2.20		88.6	8
	22	17/0.160		2.40		62.5	11
	20	21/0.180		2.60		39.5	14
	18	34/0.180		2.80		24.4	20
	16	26/0.254		3.10	± 0.15	15.6	26
	14	41/0.254		3.50	± 0.20	9.90	40
	12	65/0.254		4.10		6.24	50
	10	105/0.254		4.80	± 0.25	4.15	70
Solid (TA)	30	1/0.254	0.76	1.80	± 0.10	377	3
	28	1/0.320		1.85		232	5
	26	1/0.404		1.95		155	6
	24	1/0.500		2.15		92.4	8
	22	1/0.643		2.30		60.1	11
	20	1/0.813		2.45		37.0	14

