

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, Horizontal Flame Test.

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	15.6	26	
	14	41/0.254		3.50	9.90	40	
	12	65/0.254		4.10	6.24	50	
Solid (TA)	10	105/0.254	4.80	4.15	70		
	30	1/0.254	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		