

Irradiated Polyethylene Wire 105°C 1000V**Product Description**

- Solid or stranded, tinned copper conductor, 26-9AWG.
- Rated temperature: 105°C; Rated voltage: 1000Volts.
- Non-PVC Insulation (XL-PE), Passed UL VW-1 vertical flame test.
- Halogen free XL-PE insulation.

Technical Specification

- Insulation Potential Strength: 3000 VAC/min
- UL Rated temperature: 105°C.
- Rated Voltage: 1000 Volts.

Applications

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

Structure & electrical properties

UL 3275	Conductor		Insulation	Overall Diameter (mm)	Tolerance (mm)	Maximum Conductor Resistance (Ω /km)	Permissible Current (A)
	AWG	No./mm	Thickness (mm)				
Stranded	26	7/0.160	0.79	2.10	± 0.10	152	5
	24	11/0.160		2.30		88.6	7
	22	17/0.160		2.40		62.5	10
	20	21/0.180		2.60		39.5	13
	18	34/0.180		2.85	± 0.15	24.4	18
	16	26/0.254		3.20		15.6	24
	14	41/0.254		3.60	± 0.20	9.90	33
	12	65/0.254		4.15		6.24	45
	10	105/0.254		4.80	± 0.25	4.15	58
Solid (TA)	28	1/0.320	0.79	2.00	± 0.10	232	4
	26	1/0.404		2.10		155	5
	24	1/0.500		2.20		92.4	7
	22	1/0.643		2.30		60.1	10
	20	1/0.813		2.50		37.0	13
	18	1/1.020		2.70		22.0	18