

Irradiated Polyethylene Wire 125°C 300V

Product Description

- Solid or stranded, tinned copper conductor, 32-10 AWG
- Rated temperature:125°C; Rated voltage: 300 Volts.
- 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: 125°C.
- Rated Voltage: 300 Volts.

Applications

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

Structure & electrical properties



UL 3266	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	0.38	1.10	±0.10	397	3
	28	7/0.127		1.20		248	5
	26	7/0.160		1.30		152	6
	24	11/0.160		1.45		88.6	8
	22	17/0.160		1.60		62.5	11
	20	21/0.180		1.85		39.5	14
	18	34/0.180		2.10		24.4	20
	16	26/0.254		2.35		15.6	26
	14	41/0.254		2.80		9.90	40
	12	65/0.254		3.40		±0.15	6.24
Solid (TA)	10	105/0.254	4.00	±0.20	4.15	70	
	26	1/0.404	1.25	±0.10	155	6	
	24	1/0.500	1.35		92.4	8	
	22	1/0.643	1.50		60.1	11	
	20	1/0.813	1.65		37.0	14	
18	1/1.020	1.90	23.6		20		