

Insulated Polyethylene Wire 105°C 300V

Product Description

- Solid or stranded, tinned copper conductor, 32-10AWG.
- Rated temperature: 105°C; Rated voltage: 300Volts
- Halogen free XL-PE insulation, Horizontal Flame Test.

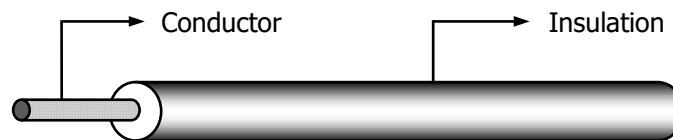
Technical Specification

- Insulation Potential Strength: 2000 VAC/min
- UL Rated temperature: 105°C.
- Rated Voltage: 300 Volts.

Applications

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

Structure & electrical properties



UL 3385	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	4
	26	7/0.160		1.30		152.0	5
	24	11/0.160		1.45		88.60	7
	22	17/0.160		1.60		62.50	10
	20	21/0.180		1.85		39.50	13
	18	34/0.180		2.10	24.40	18	
	16	26/0.254		2.35	15.60	±0.15	24
	14	41/0.254		2.80	9.90		33
Solid (TA)	28	1/0.320	0.38	1.15	±0.10	232.0	4
	26	1/0.404		1.25		155.0	5
	24	1/0.511		1.35		92.4	7
	22	1/0.643		1.50		60.1	10
	20	1/0.813		1.65		37.0	13
	18	1/1.020		1.85		22.0	18