

Irradiated Polyethylene Wire 125°C 150V

Product Description

- Solid or stranded, tinned copper conductor, 32-16 AWG
- Rated temperature:125°C; Rated voltage: 150 Volts.
- Non-PVC Insulation (XL-PE). Passed UL VW-1 Vertical flame test.
- Halogen free XL-PE insulation.

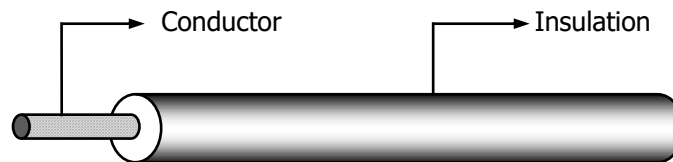
Technical Specification

- Insulation Potential Strength: 2000 VAC/min
- UL Rated temperature: 125°C.
- Rated Voltage: 150 Volts.

Applications

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

Structure & electrical properties



UL 3265	Conductor		Insulation	Overall Diameter (mm)	Tolerance (mm)	Maximum Conductor Resistance (Ω/km)	Permissible Current (A)
	AWG	No./mm	Thickness (mm)				
Stranded	32	7/0.080	0.25	0.80	±0.10	703	1.6
	30	7/0.100		0.85		397	3
	28	7/0.127		0.95		248	5
	26	7/0.160		1.05		152	6
	24	11/0.160		1.20		88.6	8
	22	17/0.160		1.35		62.5	11
	20	21/0.180		1.55		39.5	14
	18	34/0.180		1.80	24.4	20	
	16	26/0.254		2.10	15.6	±0.15	26
Solid (TA)	30	1/0.254	0.25	0.80	±0.10	377	3
	28	1/0.320		0.85		232	5
	26	1/0.404		0.95		155	6
	24	1/0.500		1.05		92.4	8
	22	1/0.643		1.20		60.1	11
	20	1/0.813		1.40		37.0	14