

**Insulated Polyethylene Wire 150°C 300V****Product Description**

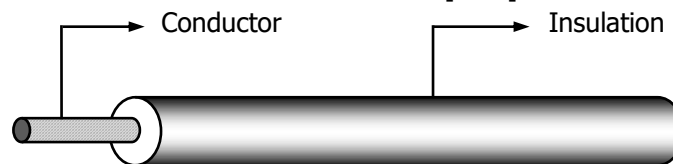
- Solid or stranded copper Conductor, 32-10AWG.
- Rated temperature: 150°C; voltage:300Volts
- Non-PVC Insulation (XL-PE), Passed UL VW-1 vertical flame test.
- Halogen free XL-PE insulation, Horizontal Flame Test.

**Technical Specification**

- Insulation Potential Strength: 2000 VAC/min
- UL Rated temperature: 105°C.
- Rated Voltage: 300 Volts.
- Dimension Tolerance:  $\pm 0.10$  mm.

**Applications**

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

**Structure & electrical properties**

UL3398	Conductor		Insulation	Overall Diameter (mm)	Maximum Conductor Resistance ( $\Omega$ /km)	Permissible Current (A)
	AWG	No./mm	Thickness (mm)			
Stranded	30	7/0.100	0.38	1.10	397	3
	28	7/0.127		1.20	248	5
	26	7/0.160		1.30	152.0	6
	24	11/0.160		1.45	88.60	8
	22	17/0.160		1.60	62.50	11
	20	21/0.180		1.85	39.50	14
	18	34/0.180		2.10	24.40	20
	16	26/0.254		2.35	15.60	26
	14	41/0.254		2.80	9.90	40
Solid (TA)	28	1/0.320		1.15	232.0	5
	26	1/0.404		1.25	155.0	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		1.85	22.0	20