

Irradiated XL-PVC Wire 80°C 150V

Product Description

- Solid or stranded, tinned copper conductor, 32-16AWG.
- Lead Free XL-PVC Insulation.
- Rated temperature: 80°C; voltage: 150Volts.
- Passed UL VW-1 & CSA FT1 vertical Flame Test.
- Resistant to heat, cold, abrasion, tinned flexibility, Cut-through, oil, etc.

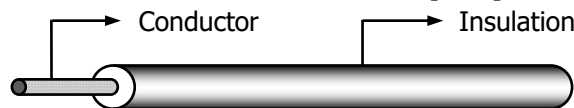
Technical Specification

- Insulation Potential Strength: 2000 VAC/min
- UL Rated temperature: 80°C.
- Rated Voltage: 150 Volts.
- Dimension Tolerance: ± 0.10 mm.

Applications

- For electric Cookers, Hair dryers, Incoming wires of transformer, Air-conditioners, Lights fixture, Electric ovens etc.

Structure & electrical properties



UL 1429 CSA IA/B	Conductor		Insulation	Overall Diameter (mm)	Maximum Conductor Resistance (Ω /km)	Permitable Current (A)
	AWG	No./mm	Thickness (mm)			
Stranded	30	7/0.100	0.23	0.80	397.0	2
	28	7/0.127		0.90	248.0	3
	26	7/0.160		1.00	152.0	4
	24	11/0.160		1.15	88.6	6
	22	17/0.160		1.30	62.5	8
	20	21/0.180		1.50	39.5	10
	18	34/0.180		1.70	24.4	15
	16	26/0.254		2.00	15.6	19
Top-Coated (ATC)	30	7/0.100		0.80	397	2
	28	7/0.127		0.90	248	3
	26	7/0.160		1.00	152	4
	24	7/0.200		1.15	88.6	6
	22	7/0.254		1.30	62.5	8
	20	7/0.320		1.50	39.5	10
Solid (TA)	26	1/0.404		0.90	155	4
	24	1/0.511		1.10	92.4	6
	22	1/0.643		1.15	60.1	8
	20	1/0.813		1.30	37.0	10
	18	1/1.020		1.50	23.6	15