

UL1007 is a member of the UL wire family, rated 80°C and 300V.

Wire Parameters

Style number: UL1007

Rated temperature: 80°C

Rated voltage: 300V

Conductor material: stranded copper, or solid copper

Insulation material: PVC

Use standard: AWM, UL758, UL1007

Application: internal wiring of electrical appliance.

Frequently Asked Questions (FAQ)

What is UL wire?

UL wire is a type of conductor, which is over extruded with quality insulated material, and verified by Underwriter Laboratories.

Why is UL wire important?

UL wire is marked with the safety verification information outside the wire surface. It saves a lot of time and reduces much cost of extra verification test.

How to obtain quality UL wire?

Before choosing an appropriate UL wire for the appliance or device design, it is necessary to obtain comprehensive information about the wire structure as desired.

Wire Specification

UL1007	Wire Gauge	Conductor Structure	Insulation Thickness	Overall Diameter	Standard Package	Minimum Package	Conductor Resistance
Conductor Type	AWG	No/mm	mm	mm	Feet	Meters	Ω/KM
Stranded	32	7/0.080	0.381	1.00	2,000	610	588.00
Stranded	30	7/0.100	0.381	1.10	2,000	610	381.00
Stranded	28	7/0.127	0.381	1.20	2,000	610	239.00
Stranded	26	7/0.160	0.381	1.30	2,000	610	150.00
Stranded	24	11/0.160	0.381	1.40	2,000	610	94.20
Stranded	22	17/0.160	0.381	1.60	2,000	610	59.40
Stranded	20	21/0.178	0.381	1.80	2,000	610	36.70
Stranded	18	34/0.178	0.381	2.10	2,000	610	23.20
Stranded	16	26/0.250	0.381	2.40	2,000	610	14.60
Stranded	14	41/0.25	0.450	2.80	2,000	610	8.96
Over-plated	26	7/0.160	0.381	1.30	2,000	610	140.00
Over-plated	24	7/0.200	0.381	1.40	2,000	610	88.70
Over-plated	22	7/0.250	0.381	1.60	2,000	610	54.70
Solid	26	1/0.404	0.381	1.25	2,000	610	143.00
Solid	24	1/0.511	0.381	1.35	2,000	610	89.30
Solid	22	1/0.634	0.381	1.50	2,000	610	56.40
Solid	20	1/0.813	0.381	1.65	2,000	610	35.20
Solid	18	1/1.024	0.381	1.85	2,000	610	22.20
Solid	16	1/1.290	0.381	2.15	2,000	610	14.00

Exact data may vary in actual operation. Please consult customer service (sales@wchcable.com) for details.