

UL 1430



## Technical data

- XLPVC single core to UL-Style 1430
- **Rated temperature** 105 °C
- **Nominal voltage** 300 V
- **Bending radius**  
once approx. 5 x cable diameter  
multiple approx. 10 x cable diameter

## Properties

- Conditionally resistant to  
Oils  
Solvents  
Acids  
Lyes
- XLPVC self-extinguishing and flame retardant, test method to UL VW-1

## Cable structure

- 30 AWG - 16 AWG solid or stranded silver plated, tinned or bare copper
- XLPVC core insulation

## Application

UL 1430 Cross-linked PVC (XLPVC) hook-up wires are generally used as the connecting wire for the internal wiring of the electronic and electrical equipment, such as home appliances, motor, lightings. It can be used with the protective tubes when necessary.

**AWM** = Appliance Wiring Material

**UL** = Underwriters Laboratories Inc. (USA)

**UL File NO. E334907**

AWG-no.	Conductor Diameter mm	Outer Diameter mm	Cable Weight kg/km	Max. Cond. Resistance at 20 °C Ohm/km
30	0.254	1.01	1.57	361.0
28	0.320	1.08	1.95	227.0
26	0.500	1.26	2.81	150.0
24	0.610	1.37	3.71	94.2
22	0.760	1.52	5.02	59.4
20	0.813	1.57	6.76	35.2
18	1.180	1.94	10.15	23.2
16	1.500	2.26	15.15	14.6

UL 1431



## Technical data

- XLPVC single core to UL-Style 1431
- **Rated temperature** 105°C
- **Nominal voltage** 600 V
- **Bending radius**  
once approx. 5 x cable diameter  
multiple approx. 10 x cable diameter

## Properties

- Conditionally resistant to  
Oils  
Solvents  
Acids  
Lyes
- XLPVC self-extinguishing and flame retardant, test method to UL VW-1

## Cable structure

- 30 AWG - 1000 kcmil solid or stranded silver plated, tinned or bare copper
- XLPVC core insulation

## Application

UL 1431 Cross-linked PVC (XLPVC) hook-up wires are generally used as the connecting wire for the internal wiring of the electronic and electrical equipment, such as home appliances, motor, lightings. It can be used with the protective tubes when necessary.

**AWM** = Appliance Wiring Material

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**UL File NO. E334907**

AWG-no.	Conductor Diameter mm	Outer Diameter mm	Cable Weight kg/km	Max. Cond. Resistance at 20 °C Ohm/km
30	0.254	1.81	4.18	361.00
28	0.320	1.88	4.68	227.00
26	0.500	2.06	5.87	150.00
24	0.610	2.17	6.98	94.20
22	0.760	2.32	8.62	59.40
20	0.950	2.51	11.00	36.70
18	1.180	2.58	13.83	22.20
16	1.350	2.86	19.43	14.00
14	1.300	3.44	28.26	8.96
12	1.880	3.93	40.97	5.64
10	2.370	4.56	61.47	3.55
8	3.000	6.10	102.85	2.23
6	4.780	7.82	165.45	1.36
4	6.060	9.10	247.71	0.86
2	7.250	10.29	339.85	0.54
1	8.460	12.46	475.38	0.43