

Description

1. Rated Voltage: 600V.
2. 1901 Wire Rated Temperature: $-60 \pm 200^{\circ}\text{C}$
3. 1887 Wire Rated Temperature: $-60 \pm 150^{\circ}\text{C}$
4. Conductor: single or multiple twists made of 30-10 AWG (0.033-13.1mm²) tin-coated or maked copper.
5. Insulation: FEP or ETFE Teflon film wrapped, with optional color schemes such as transparent, white, black ,red ,blue, grey, yellow, green, brown, orange etc.
6. Resistant to acids, alkalis, oils, flame retardant, fire resistance, and low smoke, no halogen.

Applicable range

Widely applied in aviation; metallurgy and petroleum industry as well as applied in other products such as: electronic instrument & device, electrical appliance, lighting equipments, mechanical electrical, leads for transformer & electrical motor.

Technical parameter

AWG	Conductor Spec.		Overall Dimmm ±0.1	Average Insulation Thickness mm	Min. Insulation Thickness mm	Conductor Max Resist. Ω/km
	Section Area mm ²	Cores No. /Dim No/mm				
30	0.05	1/0.254	0.93	≥0.33	≥0.35	387
28	0.08	1/0.32	0.98			244
26	0.13	7/0.16	1.12			153
		1/0.404	1.08			
24	0.22	7/0.20	1.27			95.8
		1/0.511	1.23			
22	0.33	19/0.19	1.47			60.7
		7/0.254	1.45			
		1/0.65	1.43			
20	0.52	19/0.15	1.67			38.1
		7/0.32	1.65			
		1/0.82	1.62			
18	0.81	19/0.235	1.90			23.9
		7/0.40	1.90			
		1/1.02	1.82			
17	1.02	19/0.265	2.12			18.9
		1/1.15	1.98			
16	1.31	19/0.30	2.25			15.0
14	2.08	19/0.375	2.62			9.42
12	3.31	19/0.48	3.20			5.88
11	4.10	37/0.375	3.45			4.66
10	5.30	37/0.43	3.80			3.69



UL1887/1901