

Description

1. Rated temperature :- $100 \pm 200^{\circ}\text{C}$
2. Rated voltage: 300 volts.
3. Solid or stranded, silverplated copper or nickel coated copper conductor, 30-10 AWG.
4. Insulation: FEP or ETFE Teflon film wrapped, with optional color schemes such as white, black, red, blue, grey, yellow, green, brown, orange etc.
5. 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



UL 1180

AWG	Conductor Spec.		Overall Dimmm ± 0.1	Average Insulation Thickness mm	Min Insulation Thickness mm	Nickel-coated Copper Resistance $\leq \Omega/\text{km}$	Silver-coated Copper Resistance $\leq \Omega/\text{km}$
	Section Area mm ²	Cores No./Dim NO/mm					
30	0.05	1/0.25 7/0.10	0.95	≥ 0.33	≥ 0.30	395	361
28	0.08	1/0.32 7/0.12	1.00			284	227
26	0.13	1/0.41 7/0.15	1.08			187	143
24	0.22	1/0.52	1.23			97.8	89.2
		7/0.20	1.27				
		19/0.12					
22	0.33	1/0.65	1.42			67.2	56.4
		7/0.25	1.47				
		19/0.15					
20	0.52	1/0.382	1.60			40.1	35.3
		7/0.32	1.67				
		19/0.19					
18	0.81	1/1.02	1.80			24.7	22.2
		7/0.40	1.90				
		19/0.235					
17	1.0	7/0.43	2.12			20.6	18.6
		19/0.26					
16	1.31	19/0.30	2.27			16.2	14.0
14	2.08	19/0.375	2.65			9.5	8.78
12	3.31	19/0.48	3.20			6.08	5.53
11	4.10	37/0.375	3.47			4.86	4.39
10	5.30	37/0.43	3.85			3.73	3.47