

Description

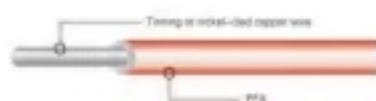
1. Rated Voltage: 600V
2. Rated Temperature: $-100 \pm 200^{\circ}\text{C}$.
3. Conductor: single or multiple twists made of 30-10 AWG (0.05-5.3 mm²) silver-coated copper or nickel-coated copper or tin-coated copper.
4. Insulation: PFA, with optional color schemes such as transparent, white, black, red, blue, grey, yellow, green, brown, orange and yellow-green 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

AWG	Conductor Spec.		Overall Dia mm ± 0.1	Average Insulation Thickness mm	Min. Insulation Thickness mm	Nickel-coated Copper Resistance $\leq \Omega/\text{km}$	Tin-coated Copper Resistance $\leq \Omega/\text{km}$	Silver-coated Copper Resistance $\leq \Omega/\text{km}$
	Section Area mm ²	Cores No. Dia mm						
30	0.05	1/0.254	0.79	≥ 0.254	≥ 0.203	361	395	387
		7/0.10	0.82					
28	0.08	1/0.32	0.85			227	284	244
		7/0.12	0.89					
26	0.13	1/0.404	0.94			143	187	153
		7/0.15	0.99					
		19/0.10	1.03					
24	0.22	1/0.511	1.07			89.2	97.8	95.8
		7/0.20	1.17					
		19/0.12	1.17					
22	0.33	1/0.65	1.20			56.4	67.2	60.7
		7/0.254	1.33					
		19/0.15	1.33					
20	0.52	1/0.82	1.36			35.3	40.1	38.1
		7/0.32	1.52					
		19/0.19	1.52					
18	0.81	1/1.02	1.57			22.2	24.7	23.9
		7/0.40	1.78					
		19/0.235	1.78					
17	1.0	1/1.15	1.70			18.6	20.6	18.9
		7/0.43	1.90					
		19/0.26	1.90					
16	1.31	1/1.30	1.85			14.0	16.2	15.0
		19/0.30	2.10					
14	2.10	19/0.37	2.48			8.78	9.50	9.42
12	3.31	19/0.48	3.08			5.53	6.08	5.88
11	4.10	37/0.375	3.36			4.39	4.86	4.66
10	5.30	37/0.43	3.75			3.47	3.73	3.69



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