

Description

1. Rated temperature: $-80 \pm 250^{\circ}\text{C}$
2. Rated Voltage :300V.
3. Solid or stranded, silverplated copper or tinned copper conductor, 10-36 AWG. Color-coded PFA insulation.
4. Insulation: PFA or TFE, with optional color schemes such as transparent, white, black, red, blue, grey, yellow, green, brown, orange, yellow-green and red-white 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, leads for transformer & electrical motor.

Technical parameter

AWG	Conductor Spec.		Overall Dimmm ± 0.1	Average Insulation Thickness mm	Min. Insulation Thickness mm	Nickel-coated Copper Resistance ≤ Ω/km	Silver-coated Copper Resistance ≤ Ω/km	Tin-coated Copper Resistance ≤ Ω/km
	Section Area mm²	Cores No. (Dim No/mm)						
30	0.05	1/0.26	0.95	≥0.33	≥0.305	395	361	387
		7/0.10						
28	0.08	1/0.32	1.00			284	227	244
		7/0.12						
26	0.13	1/0.41	1.08			187	143	153
		7/0.16	1.12					
		19/0.10	1.12					
24	0.22	1/0.52	1.23			97.8	89.2	95.8
		7/0.20	1.27					
		19/0.12	1.27					
22	0.33	1/0.65	1.42			67.2	56.4	60.7
		7/0.254	1.47					
		19/0.15	1.47					
20	0.52	1/0.82	1.60			40.1	35.3	38.1
		7/0.32	1.67					
		19/0.19	1.67					
18	0.81	1/1.02	1.80			24.7	22.2	23.9
		7/0.40	1.90					
		19/0.235	1.90					
16	1.31	19/0.30	2.27			16.2	14.0	15.0
14	2.08	19/0.375	2.65			9.5	8.78	9.42
12	3.31	19/0.48	3.20			6.08	5.53	5.88
11	4.10	37/0.375	3.47			4.86	4.39	4.66
10	5.30	37/0.43	3.85			3.73	3.47	3.69



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