

Description

1. Rated temperature : $-60 \pm 105^{\circ}\text{C}$
 2. 1609 wire rated voltage: 125v.
 3. conductor: single or multiple twists made of 36-16 AWG. (0.013-1.31mm²) tin-coated copper or naked copper
 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

AWG	Conductor Spec.		Overall Dim mm ± 0.1	Average Insulation Thickness mm	Min. Insulation Thickneess mm	Conductor Max Resist Ω/km
	Section Area mm ²	Cores No./Dim NO/mm				
36	0.013	1/0.13	0.42	≥ 0.14	≥ 0.125	1369
34	0.020	1/0.16	0.45			861
32	0.033	1/0.21	0.50			602
30	0.05	1/0.26	0.55			387
29	0.065	1/0.29	0.58			303
28	0.08	1/0.32	0.61			244
27	0.10	1/0.36	0.65			192
26	0.13	1/0.41	0.70			153
		7/0.15	0.77			
25	0.16	1/0.45	0.74			121
24	0.22	1/0.511	0.80			95.8
		7/0.20	0.92			
23	0.26	1/0.58	0.88			75.8
22	0.33	1/0.65	0.95			60.7
		19/0.15	1.08			
21	0.42	1/0.72	1.02			47.6
20	0.52	1/0.81	1.11			38.1
		19/0.19	0.28			
19	0.65	1/0.91	1.33	≥ 0.20	≥ 0.17	30.1
		1/1.02	1.44			
18	0.82	19/0.235	1.64			23.9
17	1.04	1/1.15	1.57			18.9
		1/1.30	1.72			
16	1.31	19/0.30	1.96			15.0
15	1.65	1/1.48	1.90			11.9



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