

Description

1. Rated Voltage :300V.
2. 1591 Rated Temperature:-60±150℃.
3. 1592 Rated Temperature:-60±200℃.
4. Conductor:single or multiple twists made of 32-16 AWG(0.033-1.31mm²) tincoated copper or naked copper.
5. Insulation:FEP or ETFE Teflon,with optional color schemes such as white, 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 Dia mm ±0.1	Average Insulation Thickness mm	Min. Insulation Thickness mm	Tin-coated Copper Resistance < Ω/km	Nickel-coated Copper Resistance < Ω/km
	Section Area mm ²	Cores No./Dia mm					
32	0.033	1/0.21	1.03	≥0.40	≥0.33	602	653
30	0.05	1/0.254	1.08			387	395
28	0.08	1/0.32	1.15			244	284
26	0.13	1/0.41	1.24			153	187
		7/0.15	1.30				
24	0.22	1/0.51	1.35			95.8	97.8
		7/0.20	1.45				
22	0.33	1/0.65	1.50			60.7	67.2
		7/0.254	1.61				
		19/0.15	1.61				
20	0.52	1/0.81	1.66			38.1	40.1
		7/0.32	1.80				
		19/0.19	1.80				
18	0.82	1/1.02	1.88			23.9	24.7
		7/0.40	2.05				
		19/0.235	2.05				
17	1.04	1/1.15	2.01			18.9	20.6
		19/0.265	2.18				
16	1.31	1/1.30	2.15			15.0	16.2
		19/0.30	2.37				

