

Description

1. Rated temperature :-100-+200°C.
2. Rated voltage:600 volts.
3. Solid or stranded, silverplated copper or tinned copper conductor,10-36 AWG. Colorcoded PTFE/TFE insulation
4. 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 1199

AWG	Conductor Spec.		Overall Dim mm±0.1	Average Insulation Thickness mm	Min. Insulation Thickness mm	Nickel-coated Copper ResistanceΩ/KM	Silver-coated Copper ResistanceΩ/KM		
	Section Area mm ²	Cores No./Dim NO/mm							
30	0.05	1/0.26	1.27	≥0.50	≥0.45	395	351		
		7/0.10							
28	0.08	1/0.32	1.33			284	227		
		7/0.12							
26	0.13	1/0.41	1.48			187	143		
		7/0.16							
24	0.22	1/0.52	1.54			97.8	89.2		
		7/0.20	1.62						
		19/0.12							
22	0.33	1/0.65	1.67			67.2	56.4		
		7/0.254	1.77						
		19/0.15							
20	0.52	1/0.82	1.85			40.1	35.3		
		7/0.32	1.95						
		19/0.19							
18	0.81	7/0.40	2.22			24.7	22.2		
		19/0.235							
17	1.0	19/0.26	2.35					20.6	18.9
16	1.31	19/0.30	2.55			16.2	14.0		
14	2.08	19/0.375	2.95			9.5	8.78		
12	3.31	19/0.48	3.50			6.08	5.53		
11	4.1	37/0.375	3.83			4.85	4.39		
10	5.3	37/0.43	4.18			3.73	3.47		
9	6.5	37/0.48	4.9	≥0.76	≥0.65	2.96	2.73		
8	8.2	37/0.52	5.2			2.37	2.19		
7	10.3	133/0.32	6.4			1.82	1.72		
6	13.1	133/0.36	7.0			1.45	1.36		