



China Sanew Cable Co., Ltd.

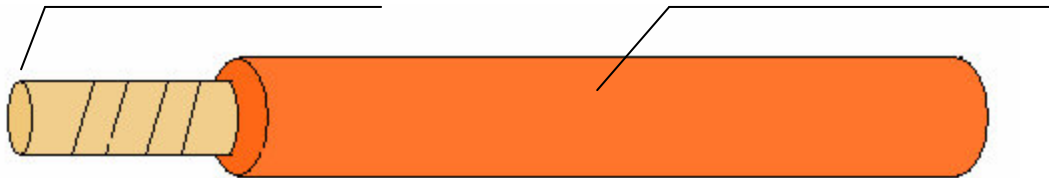
UL1709 High Temperature PFA Insulated Wire

<p>Product Features</p> <p>UL1709 High Temperature PFA Insulated Wire is resistant to acids, alkalies, oils, flame retardant, fire, and low smoke, no halogen. And the conductor is solid or stranded silver-plated copper or tinned copper conductor, 10 ~ 36 AWG. The insulation is color-coded PFA which has standard thickness, and is easy stripping and cutting.</p>	<p>The applications</p> <p>UL1709 High Temperature PFA Insulated Wire is widely applied in aviation; metallurgy and petroleum industry as well as applied in other products such as: electronic instrument & device, electrical appliance, leads for transformer & electrical motor.</p>
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Silver-plated copper or

tinned copper

PFA Teflon Insulation



TECHNICAL DATA:

Conductor:	Silver-plated Copper or Tinned copper
Insulation:	PFA
Temperature Rating:	-80°C to +200°C
Operating Voltage:	300V
Conductor stranding:	Please look the next page.
Color Code	According to clients
Approvals:	According to VDE, UL

Add: 2-1-101, Binhefang, Daxing District, Beijing, China Zip: 102600 Tel: +86 - 10 - 51265801

E-mail: international@sanew-cable.com

Fax: +86 - 10 - 51286576



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Size AWG	Conductor		Insulation		Maximum Resistance at 20°C Ω /km	Current 170°C -AMR
	Conductor stranding No. /mm	Conductor Dia. (mm)	Nominal Thick (mm)	Nominal Dia. (mm)		
36	1/0.14	0.14	0.20	0.50±0.05	997	0.3
	7/0.05					
34	1/0.16	0.16	0.20	0.52±0.08	758	0.4
	7/0.06	0.18				
32	1/0.20	0.20	0.20	0.55±0.08	586	0.6
	7/0.08	0.24				
30	1/0.254	0.25	0.20	0.60±0.08	408	0.8
	7/0.10	0.30				
28	1/0.32	0.32	0.25	0.82±0.08	232	1.0
	7/0.12	0.39		0.85±0.08	223	
26	1/0.40	0.40	0.25	0.95±0.08	145	1.6
	7/0.16	0.45			138	
24	1/0.50	0.50	0.31	1.10±0.08	90.4	3.0
	7/0.20	0.60		1.20±0.08		
22	1/0.64	0.64	0.31	1.25±0.11	50.8	5.0
	7/0.254	0.76		1.40±0.11		
	19/0.16	0.80		1.40±0.11		
20	1/0.80	0.80	0.31	1.40±0.11	33.6	7.0
	7/0.32	0.96		1.60±0.11		
	19/0.19	0.95		1.60±0.11		
18	1/1.0	1.0	0.31	1.78±0.11	24.6	11
	7/0.40	1.20		1.80±0.11		
	19/0.24	1.20		1.80±0.11		
16	19/0.30	1.50	0.35	2.20±0.16	16.6	18
14	19/0.37	1.85	0.35	2.55±0.16	9.5	22
12	19/0.49	2.60	0.35	3.30±0.20	5.7	30
10	37/0.45	3.15	0.35	3.85±0.20	3.95	45

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