



China Sanew Cable Co., Ltd.

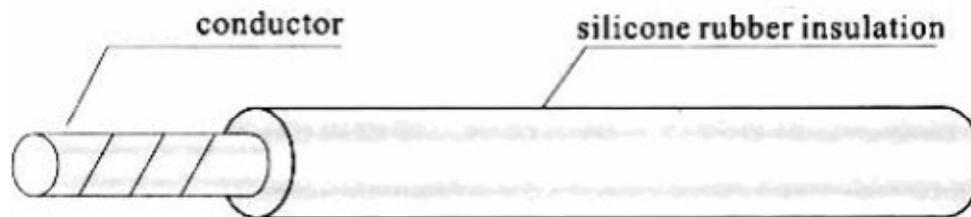
JGG Silicone Rubber Insulation High-voltage Installation Wire

Product features:








JGG Silicone Rubber Insulation High-voltage Installation Wire is very flexible which also has a wide operating temperature range and good resistance against high voltage. The electrical properties meet or exceed even the best organic insulation materials and offers maximum resistance against extreme temperature changes, radiation, moisture, deformation, weathering and some chemicals such as acid, base, salt etc.

Recommended applications:

Apply to the links of power engines or electrical appliances which work between the voltage range 6000V-10000V



TECHNICAL DATA:

-  **Min. bend radius for installation:** 15 x cable diameter
-  **Temperature range:** -60°C to +200°C
-  **Working Voltage:** 6000V/10000V
-  **Test Voltage:** 11000V
-  **Conductor stranding:** Tin-coated copper wire
-  **Color Code:** White , Black , Red , Yellow, Green , Blue , Brown , Yellow/Green.(Other colors available on request)
-  **Approvals:** According to VDE, UL

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Conductor		Insulation						Max.resistance 20°C, Ω/k	Ref. weight kg/km	
Nominal area mm ²	Structure of conductor No./mm	Nominal thickness mm		Nominal diameter mm		Max diameter mm				
		6KV	10KV	6KV	10KV	6KV	10KV		6KV	10KV
0.75	24/0.20	2.3	5.8	5.8	6.8	6.6	7.8	26.7	37.4	49.5
1.0	32/0.20	2.3	5.9	5.9	6.9	6.8	8.0	20.0	40.2	52.6
1.5	30/0.25	2.5	6.6	6.6	7.6	7.6	8.7	13.7	52	65.8
2	41/0.25	2.5	6.9	6.9	7.9	7.9	9.0	9.9	59.5	73.7
2.5	49/0.25	2.8	7.6	7.6	8.4	8.8	9.6	8.21	72.8	85
4	56/0.30	2.8	8.2	8.2	9.0	9.4	10.3	5.09	91	104
6	84/0.30	3.0	9.6	9.6	10.4	11	12	3.39	127.6	143
10	84/0.40	3.0	10.6	10.6	11.4	12.2	13.1	1.95	171.6	188.5
16	126/0.40	3.2	12.1	12.1	12.9	13.9	14.8	1.24	244	263.8
25	196/0.40	3.2	13.5	13.5	14.3	15.5	16.4	0.795	342	364
35	276/0.40	3.4	15.3	15.3	16.1	17.6	18.5	0.565	443	549
50	396/0.40	3.4	17.1	17.1	17.9	19.7	20.6	0.393	605	632
70	360/0.50	3.6	19.6	19.6	20.4	22.5	23.4	0.277	808	838
95	475/0.50	3.6	21.7	21.7	22.5	25	25.9	0.21	1065	1100
120	608/0.50	4.0	24	24	26	27.6	30	0.164	1328	1423
150	756/0.50	4.2	27	27	29	31	33.3	0.132	1675	1782
185	925/0.50	4.5	29.5	29.5	31.5	33.9	36.2	0.108	2040	2155
240	1221/0.50	4.8	33	33	35	38	40.2	0.0817	2590	2720

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