



CABLE MANUFACTURER
HENAN SANHENG INDUSTRIAL CO., LTD.

Office Tel: +86-0371-53395807
Whatsapp/Wechat: +86-18135696936
Email: sanheng@sanheng.cc
www.electrical-cable.com



Copper Rope



Description :

Description	Copper Rope
Conductor:	Bare Copper Conductor of Class 1/2/5/6 (Solid)
Copper Content	99.97% Pure Copper
Insulation:	None

Application :

Used in overhead electrical transmission and distribution for grounding electrical systems where high conductivity and flexibility is required. Suitable for numerous other applications.



Technical data :

Cores x conductor cross-section	Calculated cross-sections	Construction	External diameter	Permitted stress	Conductor resistance at 20 °C	Rope weight
		nominal	approx.	max.	max.	nominal
mm ²	mm ²	n x mm	mm	kN	Ω/km	kg/km
10	10,02	7x1,35	4,1	4,02	18,072	90
16	15,89	7x1,70	5,1	6,37	11,385	142
25	24,25	7x2,10	6,3	09,72	0,7460	217
35	34,36	7x2,50	7,5	13,77	0,5265	308
50	49,48	7x3,00	9,0	19,84	0,3656	443
50	48,35	19x1,80	9,0	19,38	0,3759	433
70	65,81	19x2,10	10,5	26,38	0,2762	590
95	93,27	19x2,50	12,5	37,39	0,1949	836
95	93,11	37x1,79	12,5	37,39	0,1949	834
120	116,99	19x2,80	14,0	46,90	0,1554	1048
120	117,40	37x2,01	14,1	46,90	0,1554	1052
150	147,11	37x2,25	15,8	58,98	0,1238	1318
185	181,52	37x2,50	17,5	72,81	0,1003	1627
240	242,54	61x2,25	20,3	97,23	0,0753	2173
300	299,43	61x2,50	22,5	120,04	0,0610	2683
400	400,14	61x2,89	26,0	160,42	0,0456	3585
500	499,83	61x3,23	29,1	200,38	0,0365	4479