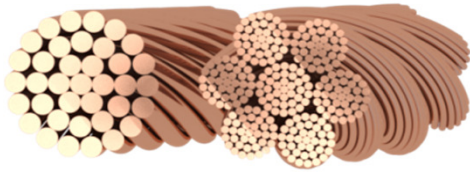


M-TEC



Bunched Copper Conductor

Specification:
SANS 1411-1

Construction:
Bare copper conductor, bunched.

Nominal Area	No. of Wires	Wire diameter	Nominal Conductor diameter	Nominal Weight	Resistance @20°C
mm ²		mm	mm	kg/km	Ω/km max
0.22	7	0.200	0.600	1.99	77.65
0.33	10	0.200	0.800	2.99	51.76
0.50	16	0.200	1.000	4.53	34.16
0.75	24	0.200	1.200	6.79	22.78
1.00	35	0.200	1.400	9.05	17.08
1.5	19	0.320	1.650	13.83	11.18
	30	0.250		13.83	11.18
	21	0.300		13.83	11.18
2.1	26	0.320	1.920	18.92	8.17
	28	0.300		18.92	8.17
2.5	19	0.410	2.100	22.63	6.83
	50	0.250		22.63	6.83
	35	0.300		22.63	6.83
3	42	0.300	2.400	27.15	5.69
	44	0.300		27.15	5.69
4	19	0.520	2.700	36.52	4.23
	37	0.370		36.52	4.23
	56	0.300		36.52	4.23
6	19	0.640	3.250	54.30	2.85
	37	0.450		54.30	2.85
	84	0.300		54.30	2.85
10	80	0.400	4.260	0.00	1.71
	89	0.300		0.00	1.71
	315	0.205		90.50	1.71
16	37	0.750	5.300	147.93	1.05
	100	0.450		147.93	1.05
	126	0.400		147.93	1.05
25	37	0.900	7.000	226.25	0.68
	196	0.400		226.25	0.68
35	37	1.100	8.450	318.22	0.49
	276	0.400		318.22	0.49
50	420	0.400	10.300	452.50	0.34
70	342	0.500	11.500	633.50	0.24
95	2849	0.205	14.000	859.75	0.18
96	259	0.686	14.410	863.79	0.18

The information contained within this document must not be copied, reprinted or reproduced in any form, either wholly or in part, without the written consent of M-TEC. The information is believed to be correct at the time of issue to the best of M-TEC's knowledge. M-TEC reserves the right to amend this specification without prior notification. This specification is not contractually valid unless specifically authorised by M-TEC. M-TEC shall not be liable for any damages whatsoever (including indirect, incidental, special, punitive or consequential damages and loss of profits, opportunities or information) arising from or result from the use of or reliance on information contained in this document, and/or any inaccuracy or omission in such information contained in this document.

Revision: 01 08/04/2021

