



Bare Annealed Copper Stranded Conductors

Stranded Sizes 2.0mm² to 500mm²



APPLICATION PHILFLEX Type BARE Annealed Copper Stranded conductors are primarily used in overhead transmission & distribution lines.

Conductors Construction Bare Annealed Stranded Copper per ASTM specification & PNS 1207 standard. Concentrically stranded.

Catalog No.	Size	Stranding	Approx. Over-all Diameter	Nominal Conductor Resistance @ 20 °C	Approx. Cable Weight	Standard Length
AWG	mm ²	No. / mm	mm	Ω/km	kg / km	m
14	2.0	7 / 0.60	1.80	9.18	17.95	150
12	3.5	7 / 0.80	2.40	5.17	31.91	150
10	5.5	7 / 1.00	3.00	3.31	49.85	150
8	8	7 / 1.20	3.60	2.30	71.79	150
6	14	7 / 1.60	4.80	1.29	127.62	150
4	22	7 / 2.00	6.00	0.818	199.41	150
2	30	7 / 2.30	6.90	0.618	263.72	150
1	38	19 / 1.60	8.00	0.470	346.41	300
1/0	50	19 / 1.80	9.00	0.376	438.42	300
2/0	60	19 / 2.00	10.00	0.301	541.26	300
3/0	80	19 / 2.30	11.50	0.228	715.82	300
4/0	100	19 / 2.60	13.00	0.178	914.73	300
250	125	37 / 2.10	14.70	0.141	1 162.07	300
300	150	37 / 2.30	16.10	0.118	1 393.96	300
400	200	37 / 2.60	18.20	0.092	1 781.32	300
500	250	37 / 2.95	20.65	0.0709	2 293.20	300
650	325	61 / 2.60	23.40	0.0560	2 936.76	300
800	400	61 / 2.90	26.10	0.0450	3 653.56	300
1 000	500	61 / 3.20	28.80	0.0370	4 448.58	300

Lengths other than those specified are available upon request



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