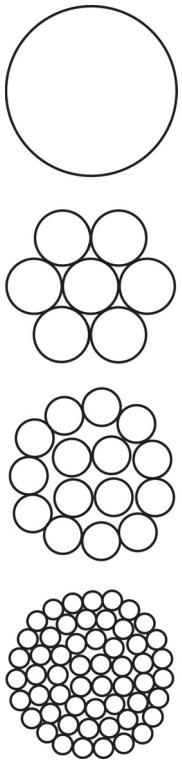
Conductor stranding

European conductor stranding acc. to IEC 60228, VDE 0295

cross-section mm²	IEC 60228 class 5/DIN VDE 0295 No. of wires	IEC 60228 class 5/DIN VDE 0295 max. wire-ø mm	IEC 60228 class 6/DIN VDE 0295 No. of wires	IEC 60228 class 6/DIN VDE 0295 max. wire-ø mm
0.14*			≈ 18 x 0.11	
0.25*	≈ 14 x 0.16		≈ 32 x 0.11	
0.34*	≈ 7 x 0.26		≈ 42 x 0.11	
0.50	≈ 15/17 x 0.21		≈ 28 x 0.16	
0.75	≈ 23 x 0.21		≈ 42 x 0.16	
1.00	≈ 30 x 0.21		≈ 56 x 0.16	
1.50	≈ 27-29 x 0.26		≈ 84 x 0.16	
2.50	≈ 46 x 0.26		≈ 140 x 0.16	
4.00	≈ 52 x 0.31		≈ 224 x 0.16	
6.00	≈ 78 x 0.31		≈ 186 x 0.21	
10.00	≈ 77 x 0.41		≈ 320 x 0.21	
16.00	≈ 122 x 0.41		≈ 504 x 0.21	
25.00	≈ 190 x 0.41		≈ 760 x 0.21	
35.00	≈ 272 x 0.41		≈ 1083 x 0.21	
50.00	≈ 400 x 0.41		≈ 703 x 0.31	
70.00	≈ 543 x 0.41		≈ 988 x 0.31	
95.00	≈ 484 x 0.51		≈ 1340 x 0.31	
120.00	≈ 589 x 0.51		≈ 1680 x 0.31	
150.00	≈ 740 x 0.51		≈ 2122 x 0.31	
185.00	≈ 902 x 0.51		≈ 1472 x 0.41	
240.00	≈ 1220 x 0.51		≈ 1910 x 0.41	
300.00	≈ 1525 x 0.51			



* with reference to IEC 60228

Comparsion of European and American conductor sizes

Nominal cross section of copper conductors												
mm²	AWG/ MCM	mm²	AWG/ MCM	mm²	AWG/ MCM	mm²	AWG/ MCM	mm²	AWG/ MCM	mm²	AWG/ MCM
0.08 =	28	0.50 =	20	2.50 =	14	16.00 =	6	70.00 =	2/0	185.00 =	350
0.14 =	26	0.75 =	19	4.00 =	12	25.00 =	4	95.00 =	3/0	240.00 =	450
0.25 =	24	1.00 =	18	6.00 =	10	35.00 =	2	120.00 =	4/0	300.00 =	550
0.34 =	22	1.50 =	16	10.00 =	8	50.00 =	1	150.00 =	250		

General conversion table

General conversion table

Length

from	to	formula
zoll/inch (in)	millimeter (mm)	in x 25.4 = mm
millimeter (mm)	zoll/inch (in)	mm x 0.03937 = in
foot (ft)	meter (m)	ft x 0.3048 = m
meter (m)	foot (ft)	m x 3.281 = ft
mile (mi)	kilometer (km)	mi x 1.609 = km
kilometer (km)	mile (mi)	km x 0.621 = mi

Temperature

from	to	formula
Fahrenheit (F)	Celsius (C)	(F-32) x 0.56 = C
Celsius (C)	Fahrenheit (F)	C x 1.8 + 32 = F

Weights

from	to	formula
pound (lb)	kilogram (kg)	lb x 2.205 = kg
kilogram (kg)	pound (lb)	kg x 0.454 = lb