



AWG-Litzen PVC Insulated Single Core Wire with UL and CSA approbation

Application: To the internal wiring of devices, switch arrangements and machines as well as for the protected transfer in and on lights.



Construction:
 1 fine-stranded bare copper
 2 PVC insulation

Comparison:

AWG 24 = app. 0,205mm ²	AWG 14 = app. 2,080mm ²
AWG 22 = app. 0,324mm ²	AWG 12 = app. 3,310mm ²
AWG 20 = app. 0,519mm ²	AWG 10 = app. 5,261mm ²
AWG 18 = app. 0,823mm ²	AWG 08 = app. 8,367mm ²
AWG 16 = app. 1,310mm ²	AWG 06 = app. 13,30mm ²

More cross sections on enquiry.

Standards:
 DIN EN 60228 Class 5 (construction)
 UL / CSA / MTW 1015+1063
 UL 758, UL 1581
 CSA C 22.2 Nr. 127

Technical data:

Nominal voltage U ₀ /U	[V]	600 Volt
Test voltage	[V] _{AC}	4000
Temperature range	in motion fixed	+5°C till +105°C -15°C till +105°C
Operating temperature	short circuit	160°C
Short circuit time	max.	5 [sec]
Flammability	standard	EN 60332-1-2

Nominal cross section mm ²	Colours	from stock	Copper figure kg/km	Cond. construction (appr. value) mm	Overall diameter appr. mm	Weight appr. kg / km
AWG 24/7	bk/bl/br/vi/wt/gn/ye/rd	○	2,2	14 x 0,15	2,2	8
AWG 22	bk/bl/br/yg/dbl/gr vi/wt/or/gn/ye/rd	●	5,0	16 x 0,20	2,4	10
AWG 20	bk/bl/br/yg/dbl/gr vi/wt/or/gn/ye/rd	●	7,5	24 x 0,20	2,6	12
AWG 18	bk/bl/br/yg/dbl/gr vi/wt/or/gn/ye/rd	●	10,0	32 x 0,20	2,8	16
AWG 16	bk/bl/br/yg/dbl/gr vi/wt/or/gn/ye/rd	●	15,0	84 x 0,30	3,1	22
AWG 14	bk/bl/br/yg/dbl/gr vi/wt/or/gn/ye/rd	●	25,0	50 x 0,25	3,5	31



Nominal cross section mm ²	Colours	from stock	Copper figure kg/km	Cond. construction (appr. value) mm	Overall diameter appr. mm	Weight appr. kg / km
AWG 12	bk/bl/br/ylg/rd	●	40,0	56 x 0,30	4,0	45
	vi/wt/or/gn/ye/dbl/gr	○				
AWG 10	bk/bl/br/ylg/rd	●	60,0	84 x 0,30	4,6	65
	vi/wt/or/gn/ye/dbl/gr	○				
AWG 8	bk/bl/br/ylg/rd	●	100,0	80 x 0,40	6,5	110
	vi/wt/or/gn/ye/dbl/gr	○				
AWG 6	bk/bl/br/ylg/rd	●	160,0	128 x 0,40	8,0	175
	vi/wt/or/gn/ye/dbl/gr	○				