

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

Information:

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 _o /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
Short circuit time	max.	5
Flammability	standard	EN 60332-1-2

Nominal cross section mm ²	Colours	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	2,1	14 x 0,15	2,2	8
AWG 22	bk/bl/br/yg/dbl/gr vi/wt/or/gn/ye/rd	4,8	16 x 0,20	2,4	10
AWG 20	bk/bl/br/yg/dbl/gr vi/wt/or/gn/ye/rd	7,2	24 x 0,20	2,6	12
AWG 18	bk/bl/br/yg/dbl/gr vi/wt/or/gn/ye/rd	9,6	32 x 0,20	2,8	16
AWG 16	bk/bl/br/yg/dbl/gr vi/wt/or/gn/ye/rd	14,4	84 x 0,30	3,1	22
AWG 14	bk/bl/br/yg/dbl/gr vi/wt/or/gn/ye/rd	24,0	50 x 0,25	3,5	31

Nominal cross section mm ²	Colours	Copper figure kg/km	Cond. construction (appr. value) mm	Overall diameter appr. mm	Weight appr. kg/km
AWG 12	bk/bl/br/yg/dbl/gr vi/wt/or/gn/ye/rd	38,4	56 x 0,30	4,0	45
AWG 10	bk/bl/br/yg/dbl/gr vi/wt/or/gn/ye/rd	57,6	84 x 0,30	4,6	65
AWG 8	bk/bl/br/yg/dbl/gr vi/wt/or/gn/ye/rd	96,0	80 x 0,40	6,5	110
AWG 6	bk/bl/br/yg/dbl/gr vi/wt/or/gn/ye/rd	153,6	128 x 0,40	8,0	175