

## AWM Style 1007

Appliance Wiring Material

Single core flexible cable with tinned copper conductor and thermoplastic insulation. UL Style 1007. cUL Class I, Group A, B, A/B.



### Technical data

Nominal voltage	300 Vac
Applications/Usage conditions	Internal wiring of appliances.
Conductor	Flexible tinned copper
Insulation type	Thermoplastic
Sheath colour	On demand
Operating temperatures	80° C
Test voltage	3000 V
Cable markings	ELETTRO BRESCIA RU AWM 1007 xAWG 80C 300V E487521 CRU AWM I A/B 80C 300V FT1 VW-1

### Standard references

Main standard	UL 758, CSA C22.2 No. 210
Self-Extinguishing	FT1, FT2, VW-1

### Dimensions

Cross section (Nxmm <sup>2</sup> )	Wires max diameter (mm)	Conductor diameter (mm)	Core thickness (mm)	Core diameter ± 0,1 (mm)	Sheath thickness (mm)	Medium outer diameter ± 0,1 (mm)	Electrical resistance at 20° C (Ω/km)	Cable approx. weight (kg/km)	Cu factor (Kg/km)
1xAWG24	0,150	0,60	0,38	N/A	N/A	1,40	84,4320	N/A	1,97
1xAWG23	0,150	0,67	0,38	N/A	N/A	1,45	67,5460	N/A	2,44
1xAWG22	0,210	0,77	0,38	N/A	N/A	1,55	51,0760	N/A	3,05
1xAWG21	0,210	0,86	0,38	N/A	N/A	1,65	40,8610	N/A	3,88
1xAWG20	0,210	0,94	0,38	N/A	N/A	1,75	34,0510	N/A	4,89
1xAWG19	0,210	1,06	0,38	N/A	N/A	1,85	26,6480	N/A	6,15
1xAWG18	0,210	1,17	0,38	N/A	N/A	1,95	21,8900	N/A	7,75
1xAWG17	0,210	1,34	0,38	N/A	N/A	2,15	16,7870	N/A	9,79
1xAWG16	0,260	1,49	0,38	N/A	N/A	2,30	13,5290	N/A	12,29

Please refer to the standard series EN 50565 as guide to use for cables with a rated voltage not exceeding 450/750 V - (U0/U) and CEI 20-92 as guide for the handling and warehousing of wooden drums for electric cables.