

AWM Style 1015

Appliance Wiring Material

Single core flexible cable with tinned copper conductor and themoplastic insulation. UL Style 1015.
cUL Class I, Group A, B, A/B.



TECHNICAL DATA

Nominal tension	600 Vac/750Vdc
Conditions of employment	Internal Wiring of Appliances.
Type of electrical conductor	Flexible tinned copper
Type of insulation	Thermoplastic
Color of the outer sheath	On demand
Operating temperature	+105° C
Test voltage	6000 V
Cable marking	ELETTROROBRESCIA RU AWM 1015 xAWG 105C 600V E487521 CRU AWM I A/B 105C 600V FT1 VW-1

REFERENCES STANDARDS

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

DIMENSIONS

Nominal section	Wires max diameter	Conductor diameter	Insulation thickness	Diametro isolamento $\pm 0,1$	Minimum average external diameter	Medium outer diameter $\pm 0,1$	Electrical resistance 20°C	Approximate weight	Fattore CU
(Nxmm ²)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Ω /km)	(kg/km)	(kg/km)
1xAWG12	0,26	2,37	0,76	N/A	N/A	3,95	5,3700	N/A	31,1040
1xAWG13	0,26	2,11	0,76	N/A	N/A	3,70	6,7600	N/A	24,7680
1xAWG14	0,26	1,90	0,76	N/A	N/A	3,50	8,3000	N/A	19,5840
1xAWG15	0,26	1,67	0,76	N/A	N/A	3,25	10,7400	N/A	15,5520
1xAWG16	0,26	1,49	0,76	N/A	N/A	3,10	13,5200	N/A	12,2880
1xAWG17	0,21	1,34	0,76	N/A	N/A	2,95	16,7800	N/A	9,7920
1xAWG18	0,21	1,17	0,76	N/A	N/A	2,75	21,8900	N/A	7,6800
1xAWG19	0,21	1,06	0,76	N/A	N/A	2,65	26,6400	N/A	6,1440
1xAWG20	0,21	0,94	0,76	N/A	N/A	2,55	34,0500	N/A	4,8000
1xAWG21	0,21	0,86	0,76	N/A	N/A	2,45	40,8600	N/A	3,8400
1xAWG22	0,21	0,76	0,76	N/A	N/A	2,35	51,0700	N/A	2,9760
1xAWG23	0,15	0,66	0,76	N/A	N/A	2,25	67,5400	N/A	2,4000
1xAWG24	0,15	0,59	0,76	N/A	N/A	2,20	84,4300	N/A	1,9200

CORES IDENTIFICATION

Cores number	Insulation colour sequence
1	NA

Refer to the CEI EN 50565 standard series as a guide to the use of cables with nominal voltage not exceeding 450/750 V (U0/U) and to the CEI 20-92 standard as a guide for the handling and storage of wooden reels for cables electrical.

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