

**SERIES**  
**911**

## Single core cables Style 1015



Fixed application, unshielded



### Use

Single core cables for Internal Wiring of Appliances. The product has a double certification, IEC for uses up to 90°C and voltages 450/750 and UL for uses up to 105°C and voltages of 600V.



Packaging "Cable Box"  
L400xL400xH500 mm

### Technical data

Characteristics	Value/property
Conductor	Red or tinned copper flexible strand
Insulation	PVC according to with UL 758
Temperature range	+105°C (AWM), +90°C (IEC), +90°C (HAR H05V2-K/H07V2-K <50 mm <sup>2</sup> ), +70°C (HAR H07V-K ≥50 mm <sup>2</sup> ) -40°C (fixed); -5°C (not fixed)
Voltage rating	600 Vac, 750 Vdc (AWM); 300/500 V ≤1 mm <sup>2</sup> , 450/750 V >1 mm <sup>2</sup> (HAR); 300/500V ≤0,34 mm <sup>2</sup> , 450/750 V >0,34 mm <sup>2</sup> (IEC)
Spark test	6000 V
Bending radius	4 x cable outer diameter (13 x cable outer diameter for non-cyclical mobile uses)
Standards of construction	UL 758   Flame res.: Test B acc. to DIN VDE 0472 part 804, IEC 60332-1-2, UL VW-1, UL/CSA FT1   Other: CEI EN 50525-2-31 and HD 21.3 S3:1995+A1:1999+A2:2008, CSA AWM I A/B, cURus AWM Style 1015
Standards of use	ANSI/NFPA 79, UL 508a, Style 1015

### Marking

TEKIMA 09110 – H07V2-K IEMMEQU <HAR> 90°C CE 2,5 mm<sup>2</sup> 90°C 450/750V IEC 60332-1-2 RoHS c(UR)us E314444 14 AWG 600V 105°C VW-1 AWM Style 1015 AWM I A/B 105°C 600V FT1 – (prod.reference)

NOTE: For "Cable Box" packaging the marking is by engraving and is neutral while for reels and spool it is by ink jet.

### Coding and dimensions

Code	Size [mm <sup>2</sup> ]	Size [AWG/kcmil]	Diameter [mm (inch)]	Weight [kg/km (lb/mft)]	Packaging [m (ft)]	Packaging "Cable Box" [m (ft)]
CVC034_09110_□□ <sup>(1)</sup>	0,34	22	2,3 (0.091)	9 (6)	500 (1640) S	3000 (9843)
CVC050_09110_□□	0,5	21	2,5 (0.098)	11 (7)	500 (1640) S	2500 (8202)
CVC075_09110_□□	0,75	19	2,7 (0.106)	14 (9)	100 (328) C	2000 (6562)
CVC100_09110_□□	1	18	2,8 (0.110)	16 (11)	100 (328) C	2000 (6562)
CVC150_09110_□□	1,5	16	3,1 (0.122)	22 (15)	100 (328) C	1500 (4921)
CVC250_09110_□□	2,5	14	3,5 (0.138)	32 (22)	100 (328) C	1000 (3281)
CVC400_09110_□□	4	12	4,2 (0.165)	48 (32)	100 (328) C	500 (1640)
CVC600_09110_□□	6	10	4,7 (0.185)	68 (46)	100 (328) C	400 (1312)
CVCB10_09110_□□	10	8	6,5 (0.256)	119 (80)	100 (328) C	-
CVCB16_09110_□□	16	6	8,2 (0.323)	191 (128)	50 (164) C	-
CVCB25_09110_□□	25	4	9,7 (0.382)	285 (192)	50 (164) C	-
CVCB35_09110_□□	35	2	10,9 (0.429)	383 (257)	50 (164) C	-
CVCB50_09110_□□	50	1	13,7 (0.539)	567 (381)	500* (1640*) R	-
CVCB70_09110_□□	70	2/0	15,1 (0.594)	748 (503)	500* (1640*) R	-
CVCB95_09110_□□	95	3/0	17,3 (0.681)	1008 (677)	500* (1640*) R	-
CVCL12_09110_□□	120	4/0	18,4 (0.724)	1223 (822)	500* (1640*) R	-

Code	Size [mm <sup>2</sup> ]	Size [AWG/kcmil]	Diameter [mm (inch)]	Weight [kg/km (lb/mft)]	Packaging [m (ft)]	Packaging "Cable Box" [m (ft)]
CVCL15_09110_□□	150	250	20,7 (0.815)	1542 (1036)	500* (1640*) R	-
CVCL18_09110_□□	185	350	22,5 (0.886)	1862 (1251)	500* (1640*) R	-
CVCL24_09110_□□	240	450	25,4 (1.000)	2415 (1623)	500* (1640*) R	-

\* For this article, an additional UL certified cut-to-length service is carried out on request ("Processed Wire").

Packaging type: S = spool, C = coil, R = reel

(1) This article is not HAR.

## Code composition

<b>CVC</b> □ □ □ <b>_09110_</b> □ □ □ □ □ □	<b>Packaging</b>	<b>To be inserted</b>
	Reel/spool	<keep this field empty>
	"Cable Box"	_CB

Size	To be inserted
0,34, 0,5, ..., 6 mm <sup>2</sup>	034, 050, ..., 600
10, 16, ..., 95 mm <sup>2</sup>	B10, B16, ..., B95
120, 150, ..., 240 mm <sup>2</sup>	L12, L15, ..., L24

Color	To be inserted
Orange	AR
White	BI
White/orange	BA**
White/blue**	BB**
Blue Ral 5010	BU
Blue Ral 5015	BL
Yellow*	GI*
Yellow/green	GV
Gray	GR
Brown	MR
Black	NE
Pink	RS
Red	RO
Green*	VE*
Violet	VI

\* For these colors the product is not HAR.

\*\* For these colors the product is not HAR for sizes > 1 mm<sup>2</sup>.

Note. The double color is such that one of the colours covers at least 30% and not more than 70% of the surface, the other colour covering the remainder of that surface.