

SERIES
911

Single core cables Style 1015

Fixed application, unshielded


UL **US**
<HAR>
RoHS
CE **UK**

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
 L15.7"xL15.7"x19.7"

Technical data

Characteristics	Value/property
Conductor	Red or tinned copper flexible strand, Class 5
Insulation	PVC according to UL 758
Temperature range	+105°C (AWM), +90°C (IEC), +90°C (HAR H05V2-K/ H07V2-K <50 mm²), +70°C (HAR H07V-K ≥50 mm²) -40°C (fixed); -5°C (not fixed)
Voltage rating	600 Vac, 750 Vdc (AWM) 300/500 V ≤1 mm² (HAR), 450/750 V >1 mm² (HAR) 300/500 V ≤0,34 mm² (IEC), 450/750 V >0,34 mm² (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 mm² 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 [AWG/kcmil]	Size [mm²]	Diameter [mm (inch)]	Weight [kg/km (lb/mft)]	Packaging [m (ft)]	Packaging "Cable Box" [m (ft)]
CVC034_09110_□□ ⁽¹⁾	22	0,34	2,3 (0.091)	9 (6)	500 (1640) S	3000 (9843)
CVC050_09110_□□	21	0,5	2,5 (0.098)	11 (7)	500 (1640) S	2500 (8202)
CVCW20_09110_□□ ⁽¹⁾	20	0,518	2,5 (0.098)	11 (7)	500 (1640) S	2500 (8202)
CVC075_09110_□□	19	0,75	2,7 (0.106)	14 (9)	100 (328) C	2000 (6562)
CVC100_09110_□□	18	1	2,8 (0.110)	16 (11)	100 (328) C	2000 (6562)
CVC150_09110_□□	16	1,5	3,1 (0.122)	22 (15)	100 (328) C	1500 (4921)
CVC250_09110_□□	14	2,5	3,5 (0.138)	32 (22)	100 (328) C	1000 (3281)
CVC400_09110_□□	12	4	4,2 (0.165)	48 (32)	100 (328) C	500 (1640)
CVC600_09110_□□	10	6	4,7 (0.185)	68 (46)	100 (328) C	400 (1312)
CVCB10_09110_□□	8	10	6,5 (0.256)	119 (80)	100 (328) C	-
CVCB16_09110_□□	6	16	8,2 (0.323)	191 (128)	50 (164) C	-
CVCB25_09110_□□	4	25	9,7 (0.382)	285 (192)	50 (164) C	-
CVCB35_09110_□□	2	35	10,9 (0.429)	383 (257)	50 (164) C	-
CVCB50_09110_□□	1	50	13,7 (0.539)	567 (381)	500* (1640*) R	-
CVCB70_09110_□□	2/0	70	15,1 (0.594)	748 (503)	500* (1640*) R	-
CVCB95_09110_□□	3/0	95	17,3 (0.681)	1008 (677)	500* (1640*) R	-

Code	Size [AWG/kcmil]	Size [mm ²]	Diameter [mm (inch)]	Weight [kg/km (lb/mft)]	Packaging [m (ft)]	Packaging "Cable Box" [m (ft)]
CVCL12_09110_□□	4/0	120	18,4 (0.724)	1223 (822)	500* (1640*) R	-
CVCL15_09110_□□	250	150	20,7 (0.815)	1542 (1036)	500* (1640*) R	-
CVCL18_09110_□□	350	185	22,5 (0.886)	1862 (1251)	500* (1640*) R	-
CVCL24_09110_□□	450	240	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

CVC □□□ _09110_ □□ □□□						Packaging	To be inserted
						Reel/spool	<keep this field empty>
						"Cable Box"	_CB
Size	To be inserted	Color	To be inserted				
0,34, 0,5, ..., 6 mm ²	034, 050, ..., 600	Orange	AR				
10, 16, ..., 95 mm ²	B10, B16, ..., B95	White	BI				
120, 150, ..., 240 mm ²	L12, L15, ..., L24	White/orange	BA**				
1, 2, ..., 26 AWG	W01, W02, ..., W26	White/blue**	BB**				
1/0, ..., 4/0 AWG	W/1, W/2, ..., W/4	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 mm².

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.