



## Construction

<b>Designation</b>	H05VV-F marked <HAR>
<b>Conductor</b>	Flexible polished copper wire Class V according UNE-EN 60228
<b>Insulation</b>	PVC (Type T12) Identification: HD 308 (See table)
<b>Assembly</b>	Insulated conductors wired in concentric crowns
<b>Outer sheath</b>	PVC (Type TM2) Standard Colours: Black, white, grey

## Technical characteristics

<b>Operating voltage</b>	300/500 V
<b>Test Voltage</b>	2000 V
<b>Operating T<sup>a</sup> (conductor)</b>	Fixed installation: -15°C to +70°C Shortcut (Max. 5seg): +150°C
<b>Min. bending radius</b>	Fixed installation: 3xD (Diameter <= 12 mm) 4xD (Diameter >12 mm) Free movement: 5xD (Diameter <= 12 mm) 6xD (Diameter >12 mm)

## Application

Flexible cable suitable for mobile use with PVC sheath for ordinary services. In domestic and office premises, for applications and power supply of household appliances including humid environments, such as vacuum cleaners, washing machines, dryers and refrigerators. Suitable for outdoor use for short periods of time.

\*CPR:

Cable suitable for installation under the requirements of CPR (Construction Product Regulation (EU) N°305/2011) according to the classification (Euroclass) specified in this document.

## Standards

<b>Ref. standard for drawing</b>	UNE-EN 50525-2-11, IEC 60227-5
<b>CPR Classification (Euroclass)</b>	Eca (According standard UNE-EN 50575)
<b>Flame Retardant</b>	UNE-EN 60332-1 (IEC 60332-1)



## Datos Constructivos

Code	NxS (mm2)	Ø (mm)	Weight (kg/km)	R at 20°C (Ohm/Km)	I max (A), 30°C
08104711	2x0,50 White	5.8	42	39	3
08107612	3xG0,50 Grey	6.2	51	39	3
08107611	3G0,50 White	6.2	51	39	3
08112501	4G0,50 White	7.2	40	39	3
08112502	4G0,50 Grey	7.2	40	39	3
08115502	5G0,50 Black	8.2	89	39	3
08105211	2x0,75 White	6.5	56	26	6
08108102	3G0,75 Grey	6.8	65	26	6
	3x0,75 Grey (N.Num)	6.8	65	26	6
08113011	4G0,75 White	7.6	83	26	6
08113012	4G0,75 Black	7.6	83	26	6
08116001	5G0,75 White	7.6	83	26	6
08105400	2x1 Black	7	66	19.5	10
08105411	2x1 White	7	66	19.5	10
08105412	2x1 Grey	7	66	19.5	10
08108300	3G1 Black	7.2	76	19.5	10
08108301	3G1 White	7.2	76	19.5	10
08108311	3G1 White R100	7.2	76	19.5	10
08108302	3G1 Grey	7.2	76	19.5	10
0811320F	4x1 White	8.1	98	19.5	10
08113211	4G1 White	8.1	98	19.5	10
08113212	4G1 Grey	8.1	98	19.5	10
08116102	5G1 Black	8.1	98	19.5	10
08105500	2x1,5 Black	7.6	87	13.3	16
08105502	2x1,5 Grey	7.6	87	13.3	16
08105511	2x1,5 White	7.6	87	13.3	16
08108400	3G1,5 Black	8.3	109	13.3	16
08108402	3G1,5 Grey	8.3	109	13.3	16
08108411	3G1,5 White	8.3	109	13.3	16
08108412	3x1.5 Grey	8.3	109	13.3	16
08113300	4G1,5 Black	9.3	138	13.3	16
08113302	4G1,5 Grey	9.3	138	13.3	16
08113311	4G1,5 White	9.3	138	13.3	16
08116202	5G1,5 Black	9.3	138	13.3	16
08116211	5G1,5 White	9.3	138	13.3	16
08105700	2x2,5 Black	9	131	7.98	20
08105711	2x2,5 White	9	131	7.98	20
08108600	3G2,5 Black	9.8	167	7.98	20
08108612	3G2.5 Grey	9.8	167	7.98	20
08108611	3G2.5 White	9.8	167	7.98	20

Code	NxS (mm2)	Ø (mm)	Weight (kg/km)	R at 20°C (Ohm/Km)	I max (A), 30°C
08113500	4G2,5 Black	10.7	204	7.98	20
08113502	4G2,5 Grey	10.7	204	7.98	20
08113511	4G2,5 White	10.7	204	7.98	20
08116302	5G2,5 Black	11.9	249	7.98	20
08113702	4G4 Grey	12.3	279	4.95	25

**Legend**

- Code** Cervi codification
- NxS (mm2)** Number of conductors x Section (mm2)
- Ø (mm)** Aprox. outer diameter (mm)
- Weight (kg/km)** Approximate cable weight (kg/km)
- R at 20°C (Ohm/Km)** Conductor resistance at 20°C (Ohm/km)

**Colour Table**

N° Conductors	Insulation Colour
2x	Blue, Brown
3G	Blue, Brown, Yellow/Green
3x	Brown, Black, Grey
4G	Brown, Black, Grey, Yellow/Green
4x	Brown, Black, Grey, Blue
5G	Brown, Black, Grey, Blue, Yellow/Green