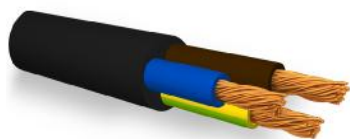


H05VV-F



ROUND PVC INSULATED AND ORDINARY PVC SHEATHED
FLEXIBLE CABLE



◀ HAR ▶



CE 93

ACCORDING TO CPR: CLASS Eca

Cables for general applications in construction works subject to fire resistance requirements. Provided by EN 50575: 2014 + A1. Declaration of performance: DOP 00003.

HARMONIZED CABLE

Very flexible, suitable for household appliances.

TECHNICAL FEATURE

Rated Voltage	Max operating temperature	Min temperature of installation	Max stocking temperature	Max temperature of short circuit	Min internal bending radius	Max mechanical stress
300/500 V	60°C	5°C	40°C	150 °C	6xD	5 Kg/mm ²

CONSTRUCTION FEATURES

Conductors: Flexible annealed copper cord, class 5 (EN 60228, IEC 60228)

Insulation: Thermoplastic polyvinyl chloride compound T12 type. Electrical insulation of cables for mobile connections.

Sheath: Thermoplastic polyvinyl chloride compound TM2 type, in white or black color. Cables with this sheath are usually used for mobile connections, in wet environments too.

Identification Colours: Cores identification according to CENELEC HD 308 in force.

MARKING: Engraving

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FEATURES: Max strain in static duty conditions: 1,5 Kg/mm².
Flame retardant

GUIDE TO USE

Use in domestic premises and offices.

Suitable for ordinary duty applications and household appliances, including damp premises (e.g. vacuum cleaners, washing machines, tumble dryers and refrigerators).

Temporary short-term outdoors use allowed.

Suitable for a maximum conductor operating temperature of 70°C, if used inside equipments and with no skin contact.

Standards: EN 50525-2-11

ROHS 2011/65/UE

EN50575:2014 + A1

CPR Not.Body: 2479 - DoP 00003 - Class: Eca

DIMENSIONAL FEATURES AND ELETTRICAL PROPERTY

n° x mm²	number and nominal cross-sectional area of conductors	SHEATH	INSULATION	CONDUCTOR		WEIGHT	Ø
		thickness (mm)	thickness (mm)	Ø diameter max. of wires (mm)	max resistance res. el. (ohm/km) redcu	Indicative weight of cable (g/m)	mean overall diameter (mm)
2x0,75		0,80	0,60	0,21	26,0000	56,00	7,2
		ARTICLE CODE					IH5V02007
2x1		0,80	0,60	0,21	19,5000	65,00	7,5
		ARTICLE CODE					IH5V02010
2x1,5		0,80	0,70	0,26	13,3000	88,00	8,6
		ARTICLE CODE					IH5V02015
2x2,5		1,00	0,80	0,26	7,9800	132,00	10,6
		ARTICLE CODE					IH5V02025
2x4		1,10	0,80	0,31	4,9500	184,00	12,1
		ARTICLE CODE					IH5V02040
3x0,75		0,80	0,60	0,21	26,0000	66,00	7,6
		ARTICLE CODE					IH5V03007
3x1		0,80	0,60	0,21	19,5000	79,00	8
		ARTICLE CODE					IH5V03010
3x1,5		0,90	0,70	0,26	13,3000	109,00	9,4
		ARTICLE CODE					IH5V03015
3x2,5		1,10	0,80	0,26	7,9800	167,00	11,4
		ARTICLE CODE					IH5V03025
3x4		1,20	0,80	0,31	4,9500	232,00	13,1
		ARTICLE CODE					IH5V03040
4x0,75		0,80	0,60	0,21	26,0000	82,00	8,3
		ARTICLE CODE					IH5V04007
4x1		0,90	0,60	0,21	19,5000	100,00	9
		ARTICLE CODE					IH5V04010
4x1,5		1,00	0,70	0,26	13,3000	142,00	10,5
		ARTICLE CODE					IH5V04015
4x2,5		1,10	0,80	0,26	7,9800	206,00	12,5
		ARTICLE CODE					IH5V04025
4x4		1,20	0,80	0,31	4,9500	290,00	14,3
		ARTICLE CODE					IH5V04040
5x0,75		0,90	0,60	0,21	26,0000	102,00	9,3
		ARTICLE CODE					IH5V05007

DIMENSIONAL FEATURES AND ELETTRICAL PROPERTY

n° x mm ²	number and nominal cross-sectional area of conductors	SHEATH thickness (mm)	INSULATION thickness (mm)	CONDUCTOR		WEIGHT Indicative weight of cable (g/m)	Ø mean overall diameter (mm)
				Ø diameter max. of wires (mm)	max resistance res. el. (ohm/km) redcu		
	5x1	0,90	0,60	0,21	19,5000	122,00	9,8
		ARTICLE CODE					IH5V05010
	5x1,5	1,10	0,70	0,26	13,3000	176,00	11,6
		ARTICLE CODE					IH5V05015
	5x2,5	1,20	0,80	0,26	7,9800	255,00	13,9
		ARTICLE CODE					IH5V05025
	5x4	1,40	0,80	0,31	4,9500	366,00	16,1
		ARTICLE CODE					IH5V05040