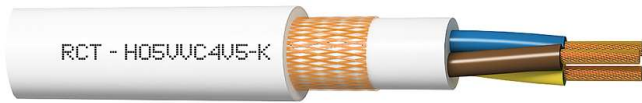


# Cables Instrumentation and control

## **H05VVC4V5-K 300/500 V**



### **Description**

H05VVC4V5-K cables are suitable for permanent installations where electromagnetic protection is required to avoid parasitic currents. They are useful in applications for the control and command of inverters, solenoid valves, machine and logic controller start-up, power switches, as well as temperature, current or voltage regulation in motorised valves. Their high versatility makes them suitable for complex and highly difficult installations.

Reference Standards: UNE 21031-13 and HD 21.13S1

### **Applications**

Suitable for the following installations:

- Data communication systems
- Control and signal in electronics
- Computer systems
- Weighing equipment, etc.

### **Technical Characteristics**

1. Conductor	Flexible electrolytic copper (Class V) in compliance with UNE-EN 60228, EN 60228 and IEC 60228
2. Insulation	PVC type A in compliance with UNE 21031-13 and HD 21.13S1
2. Armour bedding	PVC type ST-1 in compliance with UNE 21031-13 and HD 21.13S1
4. Metallic armour	70% copper braid on polyester sheet
5. Sheath	PVC with nitrile rubber additive, TM-5 type resistant to oils in compliance with UNE 21031-13 and HD 21.13S1
Nominal voltage	300/500 V
Test voltage	2.000 V A.C.
Maximum temperature	70 °C
Other characteristics	

White casing RAL 9010 and grey casing RAL 7000

Colours according to UNE 21089 and HD 303S2 (colour marking when less than five conductors) and UNE-EN 50334 y EN 50334 (inscription marking when more than five conductors)

Non-flame propagating according to UNE-EN 60332-1-2, EN 60332-1-2 and IEC 60332-1-2

Insulation and casing in low hydrochloric acid (HCL) emission PVC

**Dimensions**

Section (mm <sup>2</sup> )	Resistance at 20 °C (Ohm/km)	External Diameter (mm)	Weight (kg/km)
2x0,5	39	8,00	90
2x0,75	26	8,20	97
2x1	19,5	8,40	104
3x0,5	39	8,40	102
3x0,75	26	8,50	108
3x1	19,5	9,00	123
4x0,5	39	8,75	112
4x0,75	26	9,30	129
4x1	19,5	9,80	147
5x0,5	39	9,80	137
5x0,75	26	10,20	154
5x1	19,5	10,70	174
6x0,5	39	10,40	153
6x0,75	26	11,00	176
6x1	19,5	11,60	201
7x0,5	39	11,50	190
7x0,75	26	12,10	217
7x1	19,5	12,60	243
12x0,5	39	13,80	273
12x0,75	26	14,30	306
12x1	19,5	15,30	361