

## Fire-retardant PVC flexible single core cable

# H05V-K

CEI 20-20/3

CENELEC HD 21.3

Direttiva Bassa tensione 2006/95/CE

Direttiva RoHS 2011/65/CE

IEMMEQU ◁ HAR ▷



### Construction features

Red copper flexible conductor; PVC insulation in TI1 quality

### Marking

Embossing on the insulator:

IRCE IEMMEQU ◁ HAR ▷ H05V-K

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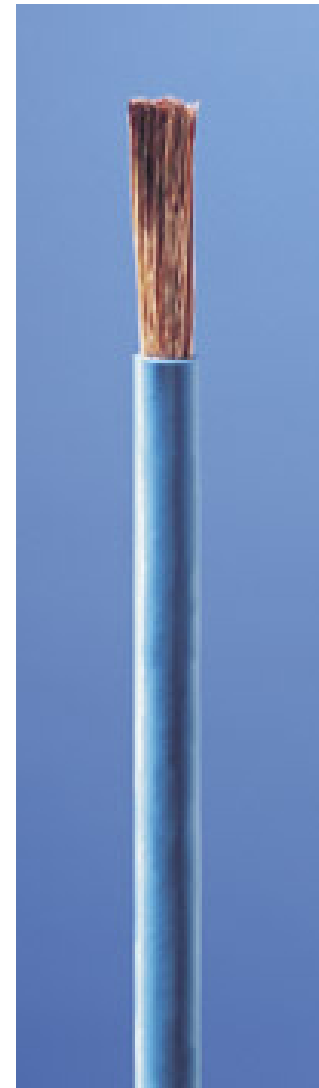
### Application

Suitable for fixed laying inside the equipments (also lighting equipments), the pipes and the surface-mounted or embedded conduits, only for notification and control circuits.

Not suitable for external laying.

### Warning

Capacities are calculated on a conductor of 3-4 cables with only 3 active conductors.



**Nominal voltage:**

$U_0/U = 300/500V$



**Minimum bending radius:**

4 x external diameter



**Operating temperature:**

70° C



**Tractive effort in laying:**

50 N/mm<sup>2</sup> of copper section maximum



**Short circuit temperature:**

160° C



**Laying temperature:**

5° C minimum

Number of cores and nominal cross sectional area n° x mm <sup>2</sup>	Conductor wires maximum diameter mm	Insulator medium thickness mm	Maximum external diameter mm	Cable approximate weight kg / km	Maximum resistance at 20° C Ohm / km	Current capacity at 30° C (A) in air or pipe
1 x 0,50	0,21	0,60	2,50	8,1	39,00	8,0
1 x 0,75	0,21	0,60	2,70	10,7	26,00	10,0
1 x 1,00	0,21	0,60	2,80	13,2	19,50	12,0