

## **PVC insulated, non-sheathed cable for internal wiring, single core and twisted twin**

### **Application:**

- In dry rooms, apparatus switch and distribution boards, for fixed installation in conduits, over and under plaster and on insulated supports over plaster. Direct laying in plaster is not permitted.
- Minimum bending radius: 5 times of maximum overall diameter.

### **Standard:**

- ISIRI (607)02
- ISIRI (607)06
- IEC (60227)02
- IEC (60227)06
- BS 6004
- HD 21

### **Construction:**

- Annealed copper conductor, class 5.
- PVC insulation, type C.

### **General specification:**

- Working temperature: Max. 70°C.
- Harmonized code designation and Rated voltage:  
flexible conductor: H05V-K (300/500 V), H07V-K (450/750 V).

Cross-sectional area Nom. mm <sup>2</sup>	No. of wires x diameter Nom. mm	Insulation thickness mm	Mean overall diameter mm	Insulation resistance at 70°C Min. MΩ.km	Weight Approx. kg/km	Conductor resistance at 20°C Max. Ω/km
0.5	16 x 0.20	0.6	2.5	0.013	9	39.0
0.75	24 x 0.20	0.6	2.7	0.011	12	26.0
1	32 x 0.20	0.6	2.8	0.010	15	19.5
1.5	30 x 0.25	0.7	3.4	0.010	22	13.3
2.5	50 x 0.25	0.8	4.1	0.009	34	7.98
4	56 x 0.30	0.8	4.8	0.007	53	4.95
6	84 x 0.30	0.8	5.3	0.006	74	3.30
10	80 x 0.40	1.0	6.8	0.0056	125	1.91
16	126 x 0.40	1.0	8.1	0.0046	194	1.21
25	196 x 0.40	1.2	10.2	0.0044	297	0.78
35	297 x 0.40	1.2	11.7	0.0038	397	0.554
50	398 x 0.40	1.4	13.9	0.0037	551	0.386