



# H07V-U

Low voltage PVC insulated conductor

## APPLICATION

For laying in pipes on top of or under plaster and in closed installation ducts and for internal wiring of machinery, switchgear and distributor systems. The cable is not suitable for direct laying under plaster.

## TECHNICAL CHARACTERISTICS

CPR class: Eca  
 Test voltage: 2,5 kV  
 Rated voltage: 450/750 V  
 Bending radius (min): 6xD  
 Laying temperature (min) : -5°C  
 Ambience temperature: -35°C to 35°C  
 Max. conductor temperature: 70°C  
 Max. short-circuit temperature: 160°C

## CONSTRUCTION

Conductors: Cu conductor, class 1  
 Insulation: PVC compound

## STANDARD

EN 50525-2-31, IEC 60227

## CORE IDENTIFICATION

According to EN 50525-1

Insulation colors:

- Black ● Blue ● Brown ● Grey ● Orange ● Pink
- Red ● Turquoise ● Violet ○ White ● Green/Yellow

## CERTIFICATION



NOMINAL CROSS-SECTION	MAX. RESISTANCE AT 20°C	CURRENT CAPACITY IN AIR AT 30°C	CU WIRE DIAMETER	OUTER DIAM. (APPROX.)	METAL WEIGHT	CABLE WEIGHT (APPROX.)
mm <sup>2</sup>	Ω/km	A	mm	mm	kg/km	kg/km
1x1,5	12,1	17,5	1,38	2,9	14,4	45,7
1x2,5	7,41	24	1,78	3,5	24,0	67,6
1x4	4,61	32	2,26	4,3	38,4	102,7
1x6	3,08	41	2,77	4,8	57,6	131,4

