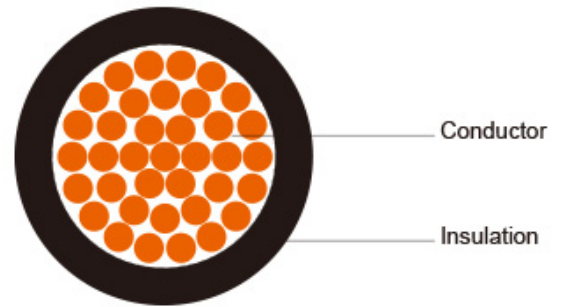


**Harmonized Standard Industrial Cables H07V-K**



**Application and Description**

These are not suitable to be installed for laying in tubes, under and surface mounting of plaster and also in closed installation conduits.  
 These are not allowed to install for direct laying on cable trays, channel or tanks. These types are permitted for the inner wiring of equipment, distributor and switchboards and also for protective laying to the lightings with a nominal voltage up to 1000 V alternating current or up to 750 V direct current against earth.

**Standard and Approval**

NF C 32-201-3  
 CE Low Voltage Directive 73/23/EEC and 93/68/EEC  
 ROHS compliant

**Cable Construction**

1 Fine bare copper strands  
 Strands to VDE-0295 Class-5, IEC 60228 Class-5  
 2 Special PVC TI1 core insulation  
 Cores to VDE-0293 colors on chart

**Technical Characteristics**

WORKING VOLTAGE: 450/750V  
 TEST VOLTAGE: 2500 volts  
 FLEXING BENDING RADIUS: 12.5 x Ø  
 STATIC BENDING RADIUS: 12.5 x Ø  
 FLEXING TEMPERATURE: -5° C to +70° C  
 STATIC TEMPERATURE: -30° C to +80° C  
 SHORT CIRCUIT TEMPERATURE: +160° C  
 FLAME RETARDANT: NF C 32-070  
 INSULATION RESISTANCE: 10 MΩ x km

**Cable Parameter**

AWG	NO. OF CORES X NOMINAL CROSS SECTIONAL AREA	NOMINAL THICKNESS OF INSULATION	NOMINAL OVERALL DIAMETER	NOMINAL COPPER WEIGHT	NOMINAL WEIGHT
	# X MM <sup>2</sup>	MM	MM	KG/KM	KG/KM
16(30/30)	1 x 1.5	0,7	3.1	14.4	20
14(50/30)	1 x 2.5	0,8	3.6	24.0	31
12(56/28)	1 x 4	0,8	4.3	38.0	48
10(84/28)	1 x 6	0,8	4.9	58.0	69
8(80/26)	1 x 10	1,0	6.4	96.0	121
6(128/26)	1 x 16	1,0	8.1	154.0	211
4(200/26)	1 x 25	1,2	9.8	240	303

2 (280/26)	1 x 35	1,2	11.1	336	417
1 (400/26)	1 x 50	1,4	13.1	480	539
2/0 (356/24)	1 x 70	1,4	15.5	672	730
3/0 (485/24)	1 x 95	1,6	17.2	912	900
4/0 (614/24)	1 x 120	1,6	19.7	1152	1135
300 MCM (765/24)	1 x 150	1,8	21.3	1440	1410
350 MCM (944/24)	1 x 185	2,0	23.4	1776	1845
500MCM(1225/24)	1 x 240	2,2	27.1	2304	2270