



INNOVCABLE CABLE MULTINORM H05V2-K, H07V2-K HAR/HD/BS/UL/CSA



- 1-) **Conductor:** electrolytic bare copper wires, soft temper, stranding class 5 (extra flexible) in compliance with ABNT NM 280, EN 60228, IEC 60228 and BS 6360 standards.
- 2-) **Insulation:** flexible PVC, extra-sliding, high service temperature, type Tl3, according to UNE 21031 / HD 21 and Class 43 UL 1581. Does not contain lead, free of heavy metals. resistant to acids, bases and specific types of oil, Made free of varnish and silicone damaging substances (during production).

Up to 1,00mm² - H05V2-K 300/500V

From 1,50mm² - H07V2-K 450/750V

Mechanical characteristics:

- Good mechanical resistance to impacts
- Good cable flexibility
- Min. bending radius: 5 (xD)



Voltage: UL style 1007+1569 MTW, CSA TEW- H05V2-K: HAR 300/500V UL+CSA 300V; UL style 1015 MTW, CSA TEW- H05V2-K: HAR 300/500V UL+CSA 600V; UL-style 1015 MTW, CSA TEW- H07V2-K: HAR 450/750V UL+CSA 600V

Voltage test: 3 kV

Identification

Sections 0,5mm² to 10 mm²: yellow, blue, white, grey, black, green, red, lilac, orange, brown and green-yellow.

Sections 16mm² to 240 mm²: black, blue, green, white and red.

- OTHER COLOURS ON REQUEST.

Applicable Specifications

ABNT NM 280, EN 60228, IEC 60228 and BS 6360

Flame retardant and self-extinguishing: acc. to IEC 60332-1-2, UL - VW 1 and CSA - FT 1

UL: AWM style 1007/1569/1015 + MTW; CSA: TEW; HAR

BS 6231

UL 1581

RoHS



EN 50525-2-31

UL 758

CSA C22.2

UL 2556

Applications

H05V2-K and H07V2-K flexible, quadruple-rated cables are designed for internal wiring of electrical cabinets, distribution panels and small electrical devices and applications such as power distribution networks in residential, commercial and industrial buildings. Contains no lead. Free of heavy metals. Conductor with non-fire propagation and self-extinguishing characteristics.

Maximum Conductor Temperature

Maximum Service Temperature: 90°C s/HD and BS, 105°C s/UL and CSA.

Maximum Short-Circuit Temperature: 160°C (max. 5 s).

Minimum service temperature: -40°C (Fixed and protected installations)

Notes

- The dimensions shown are nominal and therefore subject to normal manufacturing tolerances;***
- It may be manufactured in another section, dimensional or material at the customer's***



request.

- Innovcable reserves the right to modify this catalogue without prior notice.

Seção Nominal (mm²)	Diâmetro do Condutor (mm)	Espessura da Isolação (mm)	Diâmetro Externo (mm)	Peso Nominal (kg/km)
0,5	0,91	0,6	2,22	8,3
0,75	1,12	0,6	2,4	10,9
1	1,29	0,6	2,5	13,4
1,5	1,51	0,7	3,0	19,0
2,5	1,96	0,8	3,6	29,9
4	2,48	0,8	4,2	43,7
6	3,03	0,8	4,7	61,2
10	3,99	1,0	6,1	104
16	5,01	1,0	7,2	149
25	6,19	1,2	8,8	238
35	7,37	1,2	10,0	326
50	8,86	1,4	11,9	466
70	10,60	1,4	13,7	642
95	12,15	1,6	15,7	846
120	13,95	1,6	17,5	1066
150	16,10	1,8	20,1	1336
185	17,20	2,0	21,6	1620
240	20,20	2,2	25,1	2145