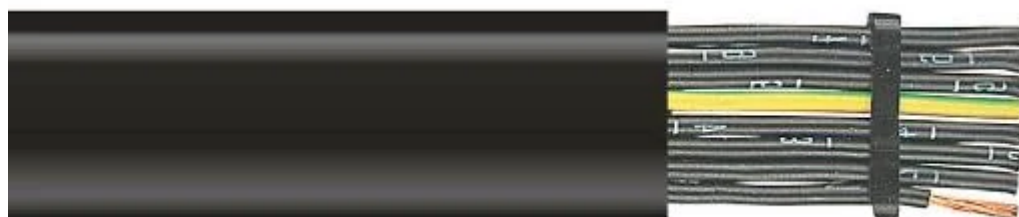




INNOVCABLE PVC FLAT H05VVH6-F, (H)05VVH6-F



- Conductor material: bare copper wires
 - Conductor class: According to DIN VDE 0295 class 5 and IEC 60228 cl. 5
 - Vein insulation: PVC Special for mobile applications
 - Seam colours: sequentially numbered black veins with or without green earth conductor (G).
 - Conductors mounted parallel side by side.
 - Outer jacket: special PVC for mobile applications resistant to oils, greases, lubricants, coolants, petrol and alcohol
 - Outer jacket in black, RAL 9005.
 - Rated voltage: 300/500V.
 - Voltage test: 2000 volts
 - Conductor resistance: according to VDE 0295 class 5 and IEC 60228 class 5.
 - Insulation resistance: Min.20 MΩX Km at 20°C.
- Fire behaviour: according to IEC 60332-1 anti-flame and flame retardant.

Identification

INNOVCABLE PVC FLAT H05VVH6-F, (H)05VVH6-F n G mm² 300/500V OF:XXXX/YEAR.



Applicable Specifications

DIN VDE 0295 CLASS 5

IEC 60228 CLASS 5

RAL 9005

DIN EN 60332-1

DIN VDE 0281 part 403

Applications

Control and power cable for mobile systems, mobile tooling, lifting and hoisting devices, overhead cranes, hoists, gantries and other applications where cables are bent strongly, constantly in continuous operation. The special extrusion technology as well as the material used, allows longer life and durability in continuous movement. Reduced bending radius when compared to round cables. Flame retardant. Resistant to oils, greases, lubricants, coolants, gasoline and alcohol.

Maximum Conductor Temperature

Fixed Min/max: -15° C / +70° C

Movable Min/max: -5° C / +70° C

Notes

- We can produce upon request several other cable options and configurations.
- Innovcable reserves the right to change this catalogue without prior notice.



DADOS DIMENSIONAIS

Dimensão na mm ²	Diâmetro(altura x largura) Ø mm	Peso do cobre kg/km	Peso kg/km
4G0,75	3,9X12,4-4,6X12,8	29,0	100,0
8G0,75	3,9X25,1-4,6X25,9	58,0	190,0
12G0,75	3,9X31,8-4,6X32,8	87,0	260,0
16G0,75	3,9X41,8-4,6X42,8	116,0	350,0
18G0,75	3,9X46,8-4,6X48,5	130,0	400,0
20G0,75	3,9X51,8-4,6X53,0	144,0	430,0
24G0,75	3,9X61,8-4,6X63,2	173,0	510,0
4G1	4,2X13,3-4,8X13,8	39,0	115,0
5G1	4,2X15,7-4,8X16,3	48,0	135,0
8G1	4,2X23,1-4,8X26,9	77,0	220,0
12G1	4,2X34,4-4,8X35,2	116,0	310,0
18G1	4,2X52,2-4,8X53,4	173,0	470,0
24G1	4,2X66,5-4,8X68,1	231,0	600,0

Dimensi on na mm ²	Diâmetro(altura x largura) Ø mm	Peso do cobre kg/km	Peso kg/km
3X(4G1)	7,6X18,2-8,4X19,6	116,0	300,0
4X(4G1)	7,6X23,7-8,4X25,6	154,0	400,0