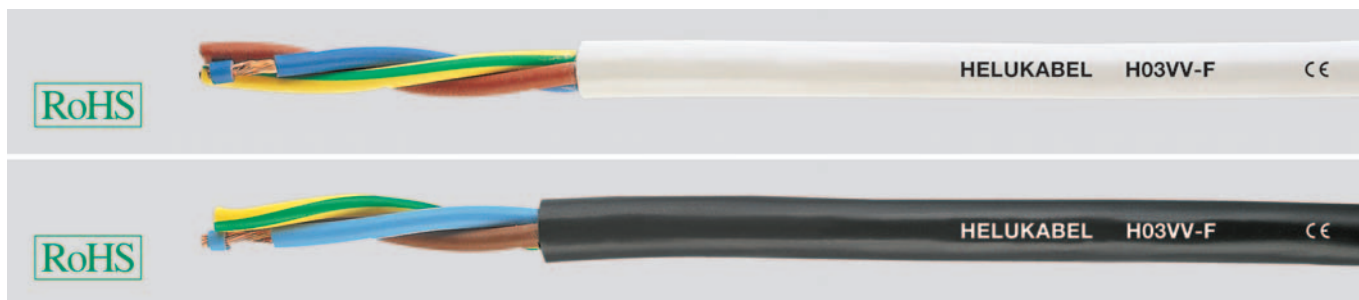


H03VV-F



A



Technical data

- PVC control cable acc. to DIN VDE 0285-525-2-11 / DIN EN 50525-2-11 and IEC 60227-5
- **Temperature range**
flexing -5°C to +70°C
fixed installation -40°C to +70°C
- **Nominal voltage** U_0/U 300/300 V
- **Test voltage** 2000 V
- **Breakdown voltage** min. 4000 V
- **Insulation resistance**
min. 20 MOhm x km
- **Minimum bending radius**
flexing 7,5x cable Ø
- **Radiation resistance**
up to 80×10^6 cJ/kg (up to 80 Mrad)

Cable structure

- Bare copper-conductor, to DIN VDE 0295 cl.5, fine-wire, BS 6360 cl.5, IEC 60228 cl.5
- Core insulation of PVC compound type T12 to DIN VDE 0207-363-3 / DIN EN 50363-3
- Core identification to DIN VDE 0293-308
- up to 5 cores coloured
- from 6 cores, black with continuous white numbering
- GN-YE conductor, 3 cores and above
- Cores stranded in layers with optimal lay-length
- Outer sheath of PVC compound type TM2 to DIN VDE 0207-363-4-1 / DIN EN 50363-4-1
- Sheath colour black, white or in accordance to the customer

Properties

- The materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers

Tests

- PVC self-extinguishing and flame retardant acc. to DIN VDE 0482-332-1-2, DIN EN 60332-1-2, IEC 60332-1 (equivalent DIN VDE 0472 part 804 test method B)

Note

- G = with green-yellow conductor
x = without green-yellow conductor
- 5 core and above in adaption (H).
- The above list contains a selection of the types we carry es stock. Other sizes available on request.
- AWG sizes are approximate equivalent values. The actual cross-section is in mm².

Application

These cable types are especially suited to use on small appliances with low mechanical stress and for connection for light household appliances, e. g. kitchen utensils, desk lamps, floor lamps, vacuum cleaners, office machines, radios, etc. , as far as this cable is admitted to the relevant specifications of the equipment.

These cables are not permitted to use with cooking or heating apparatus.

Cables with cross-section 0,75 mm² are not suitable for outdoor use or use of industrial or farmer machineries.

CE = The product is conformed with the EC Low-Voltage Directive 2006/95/EC.

Part no.	No. cores x cross-sec. mm ²	Sheath colour	Outer Ø min. - max. mm	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
29736	2 x 0,5	black	4,6 - 5,9	9,6	40,0	20
29737	2 x 0,5	white	4,6 - 5,9	9,6	40,0	20
29738	2 x 0,5	other colours	4,6 - 5,9	9,6	40,0	20
29739	3 G 0,5	black	4,9 - 6,3	14,4	49,0	20
29740	3 G 0,5	white	4,9 - 6,3	14,4	49,0	20
29741	3 G 0,5	other colours	4,9 - 6,3	14,4	49,0	20
29742	4 G 0,5	black	5,4 - 6,9	19,2	61,0	20
29743	4 G 0,5	white	5,4 - 6,9	19,2	61,0	20
29744	4 G 0,5	other colours	5,4 - 6,9	19,2	61,0	20
29400	2 x 0,75	black	4,9 - 6,3	14,4	49,0	19
29401	2 x 0,75	white	4,9 - 6,3	14,4	49,0	19
29402	2 x 0,75	other colours	4,9 - 6,3	14,4	49,0	19
29403	3 G 0,75	black	5,2 - 6,7	21,6	59,0	19
29404	3 G 0,75	white	5,2 - 6,7	21,6	59,0	19
29405	3 G 0,75	other colours	5,2 - 6,7	21,6	59,0	19

Part no.	No. cores x cross-sec. mm ²	Sheath colour	Outer Ø min. - max. mm	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
29406	4 G 0,75	black	5,7 - 7,3	29,0	72,0	19
29407	4 G 0,75	white	5,7 - 7,3	29,0	72,0	19
29408	4 G 0,75	other colours	5,7 - 7,3	29,0	72,0	19
29409	5 G 0,75	black	6,5 - 8,2	36,0	87,0	19
29410	5 G 0,75	white	6,5 - 8,2	36,0	87,0	19
29411	5 G 0,75	other colours	6,5 - 8,2	36,0	87,0	19
29412	6 G 0,75	black	7,1 - 9,0	43,0	98,0	19
29413	6 G 0,75	white	7,1 - 9,0	43,0	98,0	19
29414	6 G 0,75	other colours	7,1 - 9,0	43,0	98,0	19
29415	7 G 0,75	black	7,1 - 9,0	50,0	108,0	19
29416	7 G 0,75	white	7,1 - 9,0	50,0	108,0	19
29417	7 G 0,75	other colours	7,1 - 9,0	50,0	108,0	19

Dimensions and specifications may be changed without prior notice. (RA01)



Suitable accessories can be found in Chapter X.

- Cable Gland - HELUTOP® HT-PA
- Cable Gland - HELUTOP® HT-MS