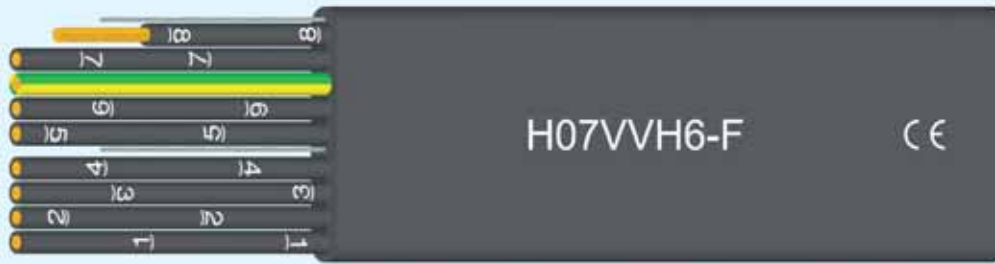


# H07VVH6-F

## Flat PVC cables



### Cable structure

- Stranded bare copper conductor according to DIN VDE 0295 and IEC 60228 cl. 5
- Core insulation of special PVC
- Cores laid concurrently
- Cores color coding according to DIN VDE 0293 (6 cores and more black cores with repeated white numbering)
- Green-yellow earth core
- Sheath of special PVC, sheath color black, resistant to oils
- Self-extinguishing and flame retardant PVC, according to DIN VDE 0482 part 265-2-1/ EN 50265-2-1/ IEC 60332-1

### Technical data

- Special PVC flat cable according to DIN VDE 0281 part 403, 404
- **Temperature range** in motion from -5 °C to +70 °C  
fixed from -30 °C to +70 °C
- **Nominal voltage** to 1 mm<sup>2</sup> U<sub>0</sub>/U 300/500 V  
from 1,5 mm<sup>2</sup> U<sub>0</sub>/U 450/750 V
- **Test voltage a.c.** 3000 V
- **Minimum bending radius** approx. 10× cable diameter
- **Radiation resistance** up to 80 × 10<sup>6</sup> cJ/kg (up to 80 Mrad)

### Application

Due to its low bending radius, high flexibility and minimal need for space, these PVC flat cables are ideal to use as a trailing cable for lifting devices, cranes, transport platforms etc.

### Note

Cable rolls with flat cables must be transported in standing position on a tansom. A bending flexibility can be achieved on a flat surface.

CE = the product is conformed with the EC Low-Voltage Directive 73/23/EEC.  
Conforms to RoHS.

Further sizes are available upon request.  
Screened flat PVC cables upon request.

Part No.	Number of cores × core cross section [mm <sup>2</sup> ]	Height × width cca [mm]	Cooper weight [kg/km]	Approx. cable weight [kg/km]
0726980	4 × 0,75	4,3 × 12,6	28,8	90
0726981	5 × 0,75	4,3 × 16,1	36,0	115
0726982	6 × 0,75	4,3 × 19,4	43,2	141
0726983	9 × 0,75	4,3 × 26,4	64,8	198
0726984	10 × 0,75	4,3 × 30,1	72,0	224
0726985	12 × 0,75	4,3 × 33,8	84,4	258
0726986	16 × 0,75	4,3 × 44,4	115,2	340
0726987	18 × 0,75	4,3 × 49,2	129,6	380
0726988	20 × 0,75	4,3 × 55,0	144,0	424
0726989	24 × 0,75	4,3 × 65,6	172,8	509
0726990	3 × 1	4,5 × 10,8	28,8	80
0726991	4 × 1	4,5 × 13,4	38,4	104
0726992	5 × 1	4,5 × 16,0	48,0	134
0726993	6 × 1	4,5 × 20,6	57,6	161
0726994	9 × 1	4,5 × 28,4	86,4	230
0726995	10 × 1	4,5 × 30,0	96,0	256
0726996	12 × 1	4,5 × 36,2	115,2	298
0726997	16 × 1	4,5 × 47,6	153,6	395
0726998	18 × 1	4,5 × 52,8	172,8	441
0726999	20 × 1	4,5 × 59,0	192,0	495
0727000	24 × 1	4,5 × 70,4	230,4	590
0727001	4 × 1,5	5,2 × 13,7	58,0	133
0727002	5 × 1,5	5,2 × 17,9	72,0	169
0727003	7 × 1,5	5,2 × 23,5	101,0	235

Part No.	Number of cores × core cross section [mm <sup>2</sup> ]	Height × width cca [mm]	Cooper weight [kg/km]	Approx. cable weight [kg/km]
0727004	8 × 1,5	5,2 × 26,8	115,0	265
0727005	10 × 1,5	5,2 × 33,5	144,0	332
0727006	12 × 1,5	5,2 × 38,9	173,0	421
0727007	4 × 2,5	5,8 × 17,5	96,0	205
0727008	5 × 2,5	5,8 × 21,5	120,0	256
0727009	7 × 2,5	5,8 × 31,2	168,0	344
0727010	8 × 2,5	5,8 × 33,1	192,0	389
0727011	12 × 2,5	5,8 × 47,1	288,0	580
0727012	24 × 2,5	5,8 × 102,0	576,0	1224
0727013	4 × 4	6,9 × 21,8	154,0	344
0727014	5 × 4	6,9 × 27,4	192,0	428
0727015	7 × 4	6,9 × 36,6	269,0	590
0727016	4 × 6	7,4 × 24,8	230,0	424
0727017	5 × 6	7,4 × 31,8	288,0	530
0727018	7 × 6	7,4 × 42,6	403,0	760
0727019	4 × 10	9,5 × 27,6	384,0	710
0727020	4 × 16	11,2 × 34,5	614,0	1014
0727021	4 × 25	13,7 × 42,6	960,0	1365
0727025	5 × 16	11,2 × 43,6	768,0	1370
0727026	5 × 25	13,7 × 55,5	1200,0	2100