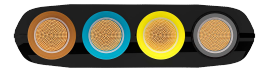
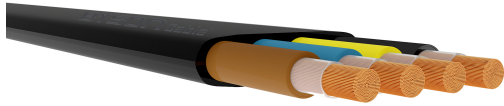


## PLATFORM ELEVATOR / CRANE - PVC - HO7VVH6-F 450/750V



### Application

Power and control cable for trolley systems, transfer lines, machine-tools especially on hoisting devices, lift, crane and container bridges. Also in applications where cables are bended strongly in permanent moving operation in one level. Suitable for dry, humid and wet rooms.

### Special Features

- Significantly smaller bending radius compared to round cables
- free from lacquer damaging substances and silicone (during production)

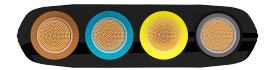
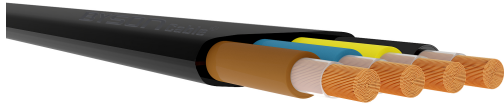
### Remarks

- conform to RoHS
- conform to 2014/35/EU-Guideline ("Low-Voltage Directive") CE
- We are pleased to produce special versions, other dimensions, core and jacket colours on request.
- Halogen-free flat cable LSOH you'll find on page 06.04.01

### Structure & Specifications

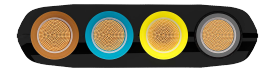
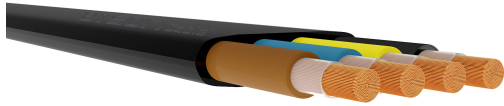
conductor material	Bare copper strand
conductor class	acc. to DIN VDE 0295 class 5 resp. IEC 60228 class 5 PVC
core insulation	acc. to VDE 0293-308 up to 5 wires coloured, from 6 wires black with white numerals resp. white with black numerals, with or without GNYE
core identification	cores parallel side by side
stranding	PVC
outer sheath	black, RAL 9005
sheath colour	yes
printing	
rated voltage	U <sub>0</sub> /U 450/750 V
testing voltage	2,5 kV
current carrying capacity	acc. to DIN EN50565-1
min. bending radius fixed	acc. to DIN EN50565-1
min. bending radius moved	acc. to DIN EN50565-1
suspension height	max. 35 m
operat. temp. fixed min/max	-35 °C / +60 °C
operat. temp. moved min/max	-25 °C / +60 °C
temp. at conductor	+ 70 °C
burning behavior	self-extinguishing and flame retardant acc. to IEC 60332-1
standard	acc. to DIN EN 50214

## PLATFORM ELEVATOR / CRANE - PVC - HO7VVH6-F 450/750V



Part #	Abmessung n x mm <sup>2</sup> dimension n x mm <sup>2</sup>	Außen-Ø mm (H x B) outer-Ø mm (H x B)	Cu-Zahl kg/km Cu index kg/km	Gewicht kg/km weight kg/km
<b>(H)07VVH6-F</b>				
3000578	4 X 1,5	4,5 X 14,5 - 5,2 X 15,6	58,0	150,0
3000683	8 X 1,5	4,5 X 26,7 - 5,2 X 28,3	115,0	300,0
3000574	12 X 1,5	4,5 X 37,9 - 5,6 X 41,4	173,0	420,0
<b>H07VVH6-F</b>				
3000616	4 G 1,5	4,5 X 14,5 - 5,8 X 15,6	58,0	150,0
3000642	5 G 1,5	4,5 X 17,1 - 5,8 X 18,6	72,0	180,0
3000648	7 G 1,5	4,5 X 23,9 - 5,8 X 26,0	101,0	260,0
3000655	8 G 1,5	4,5 X 26,7 - 5,8 X 28,3	115,0	300,0
3000581	10 G 1,5	4,5 X 32,0 - 5,8 X 35,0	144,0	360,0
3000589	12 G 1,5	4,5 X 37,9 - 5,8 X 41,4	173,0	420,0
3000596	14 G 1,5	4,5 X 45,2 - 5,8 X 50,8	202,0	490,0
3000598	16 G 1,5	4,5 X 50,4 - 5,8 X 54,0	230,0	560,0
3000603	18 G 1,5	4,5 X 54,9 - 5,8 X 60,2	259,0	620,0
3000611	24 G 1,5	4,5 X 74,5 - 5,8 X 83,0	346,0	790,0
3000623	4 G 2,5	5,2 X 17,4 - 6,0 X 18,2	96,0	210,0
3000647	5 G 2,5	5,2 X 20,8 - 6,0 X 23,2	120,0	260,0
3000650	7 G 2,5	5,2 X 29,4 - 6,0 X 32,4	168,0	380,0
3000657	8 G 2,5	5,2 X 31,2 - 6,0 X 34,8	192,0	405,0
3000593	12 G 2,5	5,2 X 47,2 - 6,0 X 50,8	288,0	620,0
3000612	24 G 2,5	5,2 X 90,0 - 6,0 X 98,7	576,0	1.160,0
3000631	4 G 4	6,2 X 19,6 - 6,9 X 20,0	154,0	300,0
3000640	5 G 4	6,2 X 23,8 - 7,0 X 26,0	192,0	380,0
3000652	7 G 4	6,2 X 33,0 - 7,0 X 38,0	269,0	550,0
3000778	12 G 4	6,2 X 54,2 - 7,0 X 58,5	462,0	880,0
3000634	4 G 6	6,9 X 21,8 - 7,2 X 22,8	230,0	390,0
3000644	5 G 6	6,9 X 25,6 - 7,2 X 26,6	290,0	480,0
3000653	7 G 6	6,9 X 39,5 - 8,5 X 42,5	403,0	700,0
3000618	4 G 10	8,5 X 26,6 - 10,5 X 29,0	384,0	620,0
3000645	5 G 10	8,5 X 33,1 - 10,5 X 38,3	480,0	780,0
3000621	4 G 16	9,8 X 31,4 - 11,0 X 37,0	614,0	990,0
3000646	5 G 16	9,8 X 38,6 - 11,0 X 43,0	770,0	1.200,0
<b>(H)07VVH6-F</b>				
3000625	4 G 25	11,5 X 37,9 - 13,5 X 46,0	960,0	1.550,0
3000630	4 G 35	13,1 X 42,9 - 14,8 X 51,0	1.344,0	2.030,0
3000633	4 G 50	15,0 X 52,1 - 17,0 X 57,0	1.920,0	2.650,0
3000637	4 G 70	17,5 X 62,0 - 18,5 X 64,0	2.700,0	3.650,0
3000638	4 G 95	20,0 X 72,0 - 21,0 X 74,0	3.650,0	4.550,0

## PLATFORM ELEVATOR / CRANE - PVC - HO5VVH6-F 300/500V



Art.-Nr. Item no.	Abmessung n x mm <sup>2</sup> dimension n x mm <sup>2</sup>	Außen-Ø mm (H x B) outer-Ø mm (H x B)	Cu-Zahl kg/ Cu km <sup>ex</sup> kg/ km	Gewicht kg/ weight kg/ km
<b>(H)05VVH6-F</b>				
3001070	4 X 1	3,8 X 13,3 - 5,6 X 14,1	39,0	115,0
3000580	8 X 1	3,8 X 23,9 - 5,6 X 25,6	77,0	220,0
<b>H05VVH6-F</b>				
3001812	6 G 0,75	3,8 X 15,0 - 5,0 X 19,0	43,2	130,0
3000586	12 G 0,75	3,8 X 29,0 - 4,6 X 32,8	87,0	260,0
3000599	18 G 0,75	3,8 X 43,4 - 4,6 X 48,5	130,0	400,0
3000605	20 G 0,75	3,8 X 51,8 - 4,6 X 53,0	144,0	430,0
3000606	24 G 0,75	3,8 X 57,3 - 4,6 X 63,2	173,0	510,0
3000641	5 G 1	3,8 X 16,0 - 5,6 X 16,6	48,0	135,0
3000654	8 G 1	3,8 X 23,9 - 5,6 X 25,6	77,0	220,0
3000588	12 G 1	3,8 X 34,4 - 5,6 X 35,2	116,0	310,0
3000601	18 G 1	3,8 X 49,0 - 5,6 X 53,4	173,0	470,0
3000608	24 G 1	3,8 X 62,0 - 5,6 X 68,1	231,0	600,0
<b>(H)05VVH6-F</b>				
3000573	3 X (4 G 1)	7,9 X 18,7 - 8,4 X 19,4	116,0	300,0
3000597	4 X (4 G 1)	7,9 X 24,0 - 8,4 X 25,3	154,0	400,0