



**SPEZIALKABEL / SPEZIALLEITUNGEN**

# ***H07VVH6-F***

*PVC Flat Cable  
acc. to VDE 0281 part 404*



<b>conductor material:</b>	bare copper strand
<b>conductor construction:</b>	acc. to VDE 0295 class 5 resp. IEC 60228 cl. 5
<b>insulation:</b>	PVC
<b>sheathing material:</b>	PVC
<b>stranding:</b>	cores resp. Bundles parallel side by side
<b>flame retardant:</b>	self-extinguishing and flame retardant acc. to IEC 60332-1
<b>max. temperature at conductor:</b>	+70°C
<b>max. operating temperature, fixed:</b>	-30 to +60°C
<b>temperature moved/during installation:</b>	-20 to +60°C
<b>suspension height:</b>	up to 35m
<b>max. temperature at conductor:</b>	450 V
<b>max. operating temperature, fixed:</b>	750 V
<b>temperature moved/during installation:</b>	2,5 kV
<b>core identification:</b>	acc. to VDE 0293-308 up to 5 wires coloured, from 6 wires black with white numerals with or without gn/ye
<b>application:</b>	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.

*The products and information presented here are for technical calculation only.  
They are subject to technical progress and in no way represent the ability of shipment.  
Outer diameters are approximately.*



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KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM <sup>2</sup>	HEIGHT x WIDTH MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
02204150-O	H07VVH6-F 4 x 1,5	4,8 x 14,5 - 5,0 - 15,1	58,0	150
02208150-O	H07VVH6-F 8 x 1,5	4,8 x 26,8 - 5,0 x 29,0	115,0	300
02212150-O	H07VVH6-F 12 x 1,5	4,8 x 39,0 - 5,0 x 40,5	173,0	420
02204150	H07VVH6-F 4 G 1,5	4,8 x 14,5 - 5,0 x 15,1	58,0	150
02205150	H07VVH6-F 5 G 1,5	4,8 x 17,4 - 5,0 x 18,1	72,0	180
02207150	H07VVH6-F 7 G 1,5	4,8 x 23,9 - 5,0 x 26,0	101,0	260
02208150	H07VVH6-F 8 G 1,5	4,8 x 26,8 - 5,0 x 29,0	115,0	300
02210150	H07VVH6-F 10 G 1,5	4,8 x 32,5 - 5,0 x 35,0	144,0	360
02212150	H07VVH6-F 12 G 1,5	4,8 x 39,0 - 5,0 x 40,5	173,0	420
02214150	H07VVH6-F 14 G 1,5	4,8 x 48,0 - 5,0 x 49,5	202,0	490
02216150	H07VVH6-F 16 G 1,5	4,8 x 51,3 - 5,0 x 54,0	230,0	560
02218150	H07VVH6-F 18 G 1,5	4,8 x 58,0 - 5,0 x 60,0	259,0	620
02224150	H07VVH6-F 24 G 1,5	4,8 x 79,0 - 5,6 x 83,0	346,0	790
02204250	H07VVH6-F 4 G 2,5	5,5 x 17,7 - 6,0 x 18,5	96,0	210
02205250	H07VVH6-F 5 G 2,5	5,5 x 21,2 - 6,0 x 22,0	120,0	260
02207250	H07VVH6-F 7 G 2,5	5,5 x 29,4 - 6,0 x 32,0	168,0	380
02208250	H07VVH6-F 8 G 2,5	5,5 x 32,9 - 6,0 x 35,0	192,0	405
02212250	H07VVH6-F 12 G 2,5	5,5 x 48,2 - 6,0 x 50,5	288,0	620
02224250	H07VVH6-F 24 G 2,5	5,5 x 90,0 - 6,0 x 94,0	576,0	1160
02204400	H07VVH6-F 4 G 4	6,4 x 19,7 - 6,6 x 21,0	154,0	300
02205400	H07VVH6-F 5 G 4	6,4 x 23,8 - 6,6 x 25,0	192,0	380
02207400	H07VVH6-F 7 G 4	6,4 x 33,0 - 6,6 x 37,0	269,0	550
02212400	H07VVH6-F 12 G 4	6,4 x 55,5 - 6,6 x 58,5	462,0	880
02204600	H07VVH6-F 4 G 6	6,9 x 21,9 - 7,1 x 23,0	230,0	390
02205600	H07VVH6-F 5 G 6	6,9 x 26,4 - 7,1 x 28,0	290,0	480
02207600	H07VVH6-F 7 G 6	6,9 x 39,5 - 7,1 x 42,5	403,0	700
02241000	H07VVH6-F 4 G 10	8,7 x 27,2 - 9,0 x 29,0	384,0	620
02251000	H07VVH6-F 5 G 10	8,7 x 33,1 - 9,0 x 35,0	480,0	780
02241600	H07VVH6-F 4 G 16	9,9 x 31,7 - 11,0 x 37,0	614,0	990
02251600	H07VVH6-F 5 G 16	9,9 x 38,6 - 11,0 x 43,0	770,0	1200
02242500	H07VVH6-F 4 G 25	11,5 x 38,2 - 13,5 x 46,0	960,0	1550
02243500	H07VVH6-F 4 G 35	13,3 x 43,5 - 14,8 x 51,0	1344,0	2030
02245000	H07VVH6-F 4 G 50	16,0 x 55,0 - 17,0 x 57,0	1920,0	2650
02247000	H07VVH6-F 4 G 70	17,5 x 62,0 - 18,5 x 64,0	2700,0	3650
02249500	H07VVH6-F 4 G 95	20,0 x 72,0 - 21,0 x 74,0	3650,0	4550