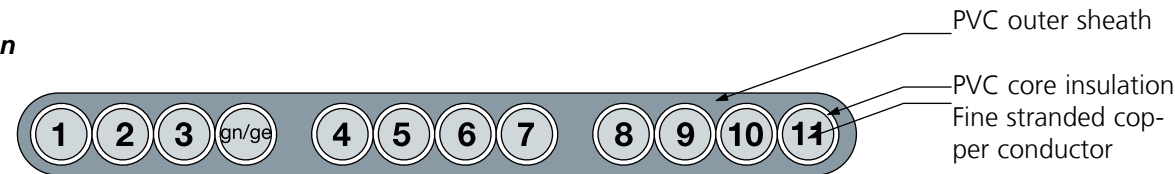


SemoFlat® H07VVH6-F < HAR >
PVC flat cables
 harmonized according to VDE 0281 HD 359

Description



Application

Flat cables are suitable for use in dry and damp areas. Used for installations of transportation systems, machine tools, elevators and hoisting gears. Freely suspended heights should not exceed 35 meters and travelling speeds of 1.6 m/s (according to VDE) should not be exceeded.

Design

Conductor: plain copper, fine stranded according to VDE 0295 class 5
 Insulation: PVC, mixed compound YI2 according to DIN VDE 0207 part 4
 Core colour: according to VDE 0293
 Core arrangement: cores flat parallel arranged
 Sheath: PVC, mixed compound YI2 according to DIN VDE 0207 part 4
 Sheath colour: black
 Imprint: H07VVH6-F <HAR>

Thermal properties

Maximum temperature
 for flexible installation: - 25°C up to + 60°C
 for fixed operation: - 35°C up to + 60°C

Technical data in case of 20°C

Nominal voltage: H07VVH6-F 450/750 V
 Test voltage: core/core 3.000 V
 Conductor resistance: in accordance with VDE 0295 class 5
 Insulation resistance: > 20 MOhm x km

Features

Bending radius: flexible application: 10 x cable diameter
 Free suspended height: 35 meters
 Oil resistance: according to VDE 0472
 Characteristic of combustion: flame resistant according to VDE 0472 T 804, test type B
 Applied standards: similar to VDE 0281 / HD 359

SemoFlat® H07VVH6-F

Discount: _____

PVC harmonized flat cables according to VDE 0281 part 403, 404 < HAR >

Cross-section mm²	Price Euro / km Base CU 150	CU number kg/km	Outer Ø approx. mm	Weight approx. kg/km
4 x 1,5	1.233,-	58,0	15,0 x 5,0	150
4 x 2,5	1.841,-	96,0	18,5 x 5,7	210
4 x 4	2.642,-	154,0	21,0 x 6,5	300
4 x 6	3.471,-	230,0	23,0 x 7,0	385
4 x 10	5.394,-	384,0	28,8 x 9,0	620
4 x 16	9.424,-	614,0	36,8 x 10,8	990
4 x 25	14.091,-	960,0	45,5 x 13,5	1.550
4 x 35	19.199,-	1.344,0	50,5 x 14,8	2.030
4 x 50	on request	1.920,0	56,0 x 16,5	2.650
4 x 70	on request	2.688,0	63,0 x 18,0	3.650
4 x 95	on request	3.648,0	72,5 x 20,5	4.550
5 x 1,5	1.709,-	72,0	18,0 x 5,0	180
5 x 2,5	2.867,-	120,0	22,0 x 5,7	260
5 x 4	3.593,-	192,0	26,0 x 6,9	390
5 x 6	6.097,-	288,0	29,5 x 7,6	530
5 x 10	10.900,-	480,0	36,5 x 9,4	868
5 x 16	14.876,-	768,0	42,5 x 10,7	1.223
7 x 1,5	2.199,-	101,0	26,0 x 5,0	260
7 x 2,5	3.335,-	168,0	32,3 x 5,7	380
7 x 4	5.880,-	269,0	40,0 x 6,8	550
7 x 6	8.243,-	403,0	43,0 x 7,6	750
8 x 1,5	2.308,-	115,0	29,0 x 5,0	300
8 x 2,5	3.572,-	192,0	34,5 x 5,7	405
9 x 1,5	on request	130,0	32,0 x 5,0	330
10 x 1,5	2.877,-	144,0	35,0 x 5,0	360
12 x 1,5	3.297,-	173,0	40,5 x 5,0	420
12 x 2,5	5.550,-	288,0	50,5 x 5,7	620
16 x 1,5	on request	230,4	53,5 x 5,0	560
18 x 1,5	8.251,-	259,2	58,0 x 5,0	620
24 x 1,5	10.005,-	346,0	80,0 x 5,0	859
24 x 2,5	13.647,-	576,0	95,1 x 5,5	1.260
12 x 4	8.603,-	460,8	57,0 x 6,8	880
without green/yellow				
8 x 1,5	3.356,-	115,0	29,0 x 5,0	300

The corresponding flat cable screws can also be delivered.
 Please see column 9 - accessories.