



Flat- and round cables for festoon systems - A07VVH6-F/H07VVH6-F
PVC-flat cable



Technical attributes

Standards	acc. to DIN VDE 0283 part 2 and 0281 part 404
Conductor material	Cu, bare
Conductor type	Cu-bare or tinned
Conductor category	5
Core colours	to 5 wire with DIN VDE 0293 with coloured cores, ab 6 wire black with printed consecutive number codingkabeltec, protective wires gn/ye
Outer sheath	PVC
Outer sheath colour	black
Temperature range min., mobile operation	-25 °C
Temperature range max., mobile operation	70 °C
Temperature range min., fixed installation	-40 °C
Temperature range max., fixed installation	+70 °C
Nominal voltage U ₀ /U	until 1mm ² 300/500 V; off 1,5mm ² 450/750 V V
Test voltage	3000 V
Bending radius	10 x cable-Ø
tensile load	static 15 N/mm ² , moved 30 N/mm ²
speed	120 m/min
chemical properties	Oil, acid and alkali resistant
{ölbeständig}	largely
flame-resistant	adapted to IEC 60332-1
RoHS-compliant	yes

Description

As power and control lines, particularly in hoists, transport equipment, machine tools, cranes and container cranes, etc., with medium mechanical stresses and operationally strong bends in one plane, in dry, damp and wet rooms.

Note

PVC-flat cable

Product table

product number	product name	weight/1000m [kg]	Metal weight Cu [kg]	outer mass appr. [mm]	{Durchmesser} [mm]
00802001	H07VVH6-F 4 G 1,5	130,00	58,00	15,5	4,40
00802036	H07VVH6-F 4 x 1,5 -OZ-	130,00	58,00	15,5	4,40
00802039	(A)07VVH6-F 4 x 1,5 -OB-	130,00	58,00	15,5	4,40
00802002	H07VVH6-F 5 G 1,5	160,00	72,00	18,5	4,40
00802003	H07VVH6-F 7 G 1,5	230,00	101,00	26,5	4,40
00802004	H07VVH6-F 8 G 1,5	260,00	115,00	28,5	4,40
00802038	H07VVH6-F 8 x 1,5-OZ-	260,00	115,00	28,5	4,40
00802005	H07VVH6-F 10 G 1,5	340,00	144,00	38,0	4,40
00802006	H07VVH6-F 12 G 1,5	385,00	173,00	41,5	4,40



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00802037	H07VVH6-F 12 x 1,5 -OZ-	385,00	173,00	41,5	4,40
00802007	H07VVH6-F 13 G 1,5	430,00	187,00	47,3	4,40
00802008	H07VVH6-F 14 G 1,5	480,00	202,00	49,4	4,40
00802009	H07VVH6-F 16 G 1,5	510,00	231,00	53,5	4,40
00802010	H07VVH6-F 18 G 1,5	620,00	259,00	58,0	4,40
00802011	H07VVH6-F 24 G 1,5	790,00	346,00	81,0	4,40
00802013	H07VVH6-F 4 G 2,5	190,00	96,00	19,0	5,70
00802014	H07VVH6-F 5 G 2,5	235,00	120,00	22,5	5,70
00802015	H07VVH6-F 7 G 2,5	340,00	168,00	31,6	5,70
00802016	H07VVH6-F 8 G 2,5	370,00	192,00	35,7	5,70
00802017	H07VVH6-F 10 G 2,5	505,00	240,00	52,0	5,90
00802018	H07VVH6-F 12 G 2,5	560,00	288,00	50,5	5,70
00802019	H07VVH6-F 24 G 2,5	1100,00	576,00	99,0	5,70
00802020	H07VVH6-F 4 G 4	270,00	154,00	22,0	6,50
00802021	H07VVH6-F 5 G 4	280,00	192,00	26,5	6,50
00802022	H07VVH6-F 7 G 4	480,00	269,00	39,0	6,50
00802023	H07VVH6-F 4 G 6	355,00	230,00	25,0	7,40
00802024	H07VVH6-F 5 G 6	530,00	288,00	30,0	7,40
00802025	H07VVH6-F 7 G 6	750,00	403,00	42,5	7,40
00802026	H07VVH6-F 4 G 10	580,00	384,00	31,5	9,20
00802027	H07VVH6-F 5 G 10	780,00	480,00	37,5	10,20
00802028	H07VVH6-F 4 G 16	905,00	614,00	36,5	10,80
00802029	H07VVH6-F 5 G 16	1130,00	768,00	43,4	11,10
00802030	A07VVH6-F 4 G 25	1340,00	960,00	41,5	13,50
00802031	A07VVH6-F 5 G 25	1730,00	1200,00	56,0	16,00
00802032	A07VVH6-F 4 G 35	1800,00	1344,00	50,5	14,80
00802033	A07VVH6-F 4 G 50	2520,00	1920,00	56,0	16,50
00802034	A07VVH6-F 4 G 70	3670,00	2688,00	63,0	18,00
00802035	A07VVH6-F 4 G 95	4550,00	3648,00	72,5	20,50