



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



Technical attributes

Standards	TS/DIN EN 50214
Conductor material	Cu, bare
Conductor type	flexible
Conductor category	5
Conductor standard	HD 383/IEC 60228
Core colours	HD 308 S2 ≤ 5 cores: colour-coded, with/without GN/YE-protection conductor; ≥ 6 cores: black, number-coded, with/without GN/YE-protection conductor
Core insulation	PVC
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	-35 °C
Temperature range max., fixed installation	+70 °C
Tensile load max., mobile operation	30 N/mm ²
Tensile load max., fixed installation	15 N/mm ²
Nominal voltage U ₀ /U	450/750 V
Test voltage	2500 V
Minimum bending radius	acc. DIN EN 50565-1
RoHS-compliant	ja

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

- flame-retardant IEC 60332-1, EN 50265-2-1
- ozone-resistant
- moisture-resistant
- acid-resistant

Product table

product number	product name	Weight ca. [kg]	Cu-weight [per_km]	{Aussenmasse} [mm]	Outer sheath colour
00802001	H07VVH6-F 4 G 1,5	135,00	58,00	5,4 x 15,0	black
00802036	H07VVH6-F 4 x 1,5 -OZ-	135,00	58,00	5,4 x 15,0	black
00802002	H07VVH6-F 5 G 1,5	190,00	72,00	5,4 x 17,7	black
00802003	H07VVH6-F 7 G 1,5	250,00	101,00	5,4 x 26,2	black



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00802004	H07VVH6-F 8 G 1,5	265,00	115,00	5,4 x 28,5	black
00802038	H07VVH6-F 8 x 1,5-OZ-	265,00	115,00	5,4 x 28,5	black
00802005	H07VVH6-F 10 G 1,5	350,00	144,00	5,4 x 35,8	black
00802006	H07VVH6-F 12 G 1,5	395,00	173,00	5,4 x 42,5	black
00802037	H07VVH6-F 12 x 1,5 -OZ-	395,00	173,00	5,4 x 42,5	black
00802008	H07VVH6-F 14 G 1,5	565,00	202,00	5,4 x 52,5	black
00802009	H07VVH6-F 16 G 1,5	660,00	231,00	5,4 x 57,0	black
00802010	H07VVH6-F 18 G 1,5	738,00	259,00	5,4 x 62,0	black
00802011	H07VVH6-F 24 G 1,5	850,00	346,00	5,4 x 83,0	black
00802013	H07VVH6-F 4 G 2,5	195,00	96,00	6,7 x 19,0	black
00802014	H07VVH6-F 5 G 2,5	275,00	120,00	6,7 x 21,6	black
00802015	H07VVH6-F 7 G 2,5	340,00	168,00	6,7 x 32,0	black
00802016	H07VVH6-F 8 G 2,5	380,00	192,00	6,7 x 35,0	black
00802018	H07VVH6-F 12 G 2,5	570,00	288,00	6,7 x 49,5	black
00802019	H07VVH6-F 24 G 2,5	950,00	576,00	6,7 x 100,0	black
00802020	H07VVH6-F 4 G 4	290,00	154,00	7,2 x 21,5	black
00802021	H07VVH6-F 5 G 4	380,00	192,00	7,2 x 24,0	black
00802022	H07VVH6-F 7 G 4	570,00	269,00	7,2 x 35,7	black
00802023	H07VVH6-F 4 G 6	395,00	230,00	8,0 x 23,8	black
00802024	H07VVH6-F 5 G 6	500,00	288,00	8,0 x 28,5	black
00802025	H07VVH6-F 7 G 6	750,00	403,00	8,0 x 40,0	black
00802026	H07VVH6-F 4 G 10	615,00	384,00	9,9 x 30,0	black
00802027	H07VVH6-F 5 G 10	850,00	480,00	9,9 x 37,5	black
00802028	H07VVH6-F 4 G 16	935,00	614,00	11,0 x 35,0	black
00802029	H07VVH6-F 5 G 16	1250,00	768,00	11,0 x 48,0	black
00802030	H07VVH6-F 4 G 25	1350,00	960,00	13,5 x 43,0	black
00802032	A07VVH6-F 4 G 35	2150,00	1344,00	15 x 48,0	black
00802033	A07VVH6-F 4 G 50	3000,00	1920,00	17 x 56,0	black
00802034	A07VVH6-F 4 G 70	4150,00	2688,00	20,0 x 66,0	black
00802035	A07VVH6-F 4 G 95	4875,00	3648,00	21 x 77,0	black