H07VVH6-F



Application

PVC type of flat cables are used mainly as trailing cable for crane installations, floor conveyer systems and shelf control units. Suitable for dry, humid and wet rooms and for outdoor use.

The materials used are free from silicon and cadmium and free from varnish damaging sustances.

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Standards

to DIN EN 50214 VDE 0283-2:2007-10,
EN 60332-1-2, IEC 60332-1

CE = The product is conformed with the EC Low-Voltage Directive 2014/35/EU.

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EN 60332-1-2, IEC 60332-1

CE = The product is conformed with the EC Low-Voltage Directive 2014/35/EU.

Construction

Inner Conductor	fine-stranded bare copper acc. DIN VDE 0295 cl. 5 / IEC 60228 cl. 5
Core Insulation	special polyvinylchlorid compound (PVC)
Core Color	acc. to DIN VDE 0293 respectively HD 308 S2, 7 cores black with continuous white numbers printed
Outer Insulation Material	special PVC
Constant Against	ozone and UV radiation

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Technical Data

Nominal Voltage	U_0/U: 450 /750 V
Nominal Volatage DC	U_0/U: 0 /0
Test Voltage	2500 V
Bending Radius moved (xD)	5
Bending Radius fixed (xD)	0
Operating Temperature solid	-40 °C bis 80 °C
Operating Temperature moving	-5 °C bis 70 °C
Short Circuit Temperature	150 °C
Short Circuit Duration	5 sek.

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Flachleitungen
Flat Cables Rubber/PVC/LSOH

Prod. Nr. Prod. Nr.	Option Option	Dimensions Dimensions	Color Color	Weight (kg/km) approx. Weight (kg/km) approx.	Outer-Diameter (mm) approx. Outer-Diameter (mm) approx.
00607010	5,4 x 15,0	4 G 1,5	black - black	150,0	
00607016	6,7 x 19,0	4 G 2,5	black - black	215,0	
00607021	7,2 x 21,5	4 G 4	black - black	320,0	
00607024	8,0 x 23,8	4 G 6	black - black	430,0	
00607026	9,9 x 30,0	4 G 10	black - black	690,0	
00607027	11,0 x 35,0	4 G 16	black - black	970,0	
00607029	13,5 x 43,0	4 G 25	black - black	1.405,0	
00607030	15,0 x 48,0	4 G 35	black - black	2.035,0	
00607031	17,0 x 56,0	4 G 50	black - black	3.000,0	
00607042	20,0 x 66,0	4 G 70	black - black	4.100,0	
00607043	21,0 x 95,0	4 G 95	black - black	4.550,0	
00607011	5,4 x 17,7	5 G 1,5	black - black	180,0	
00607017	6,7 x 21,6	5 G 2,5	black - black	260,0	
00607022	7,2 x 24,0	5 G 4	black - black	390,0	
00607032	8,0 x 28,5	5 G 6	black - black	530,0	
00607044	9,9 x 37,5	5 G 10	black - black	810,0	
00607028	11,0 x 48,0	5 G 16	black - black	1.170,0	
00607012	5,4 x 26,2	7 G 1,5	black - black	265,0	
00607018	6,7 x 32,0	7 G 2,5		385,0	
00607023	7,2 x 35,7	7 G 4	black - black	550,0	
00607025	8,0 x 40,0	7 G 6	black - black	750,0	
00607013	5,4 x 28,5	8 G 1,5	black - black	295,0	
00607019	6,7 x 35,0	8 G 2,5	black - black	430,0	
00607014	5,4 x 35,8	10 G 1,5	black - black	355,0	

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Flat Cables Rubber/PVC/LSOH

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00607015	5,4 x 42,5	12 G 1,5	black - black	415,0	
00607020	6,7 x 49,5	12 G 2,5	black - black	610,0	
00607080	5,4 x 52,5	14 G 1,5	black - black	480,0	
00607050	5,4 x 57,0	16 G 1,5	black - black	555,0	
00607036	5,4 x 62,0	18 G 1,5	black - black	710,0	
00607041	5,4 x 83,0	24 G 1,5	black - black	790,0	
00607048	6,7 x 100,0	24 G 2,5	black - black	950,0	

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