

These unscreened multicore flexible hoist cables are designed for use in conveyor and hoisting equipment, and as feed cable for mobile machine components etc.

Suitable for indoor use in dry, wet or moist environments.

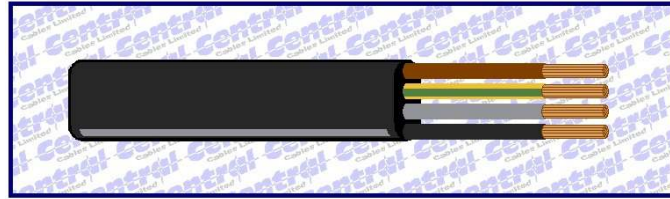
**Construction**

stranded plain or tinned copper conductors  
PVC core insulation, cores laid parallel  
black polyvinylchloride (PVC) sheath

<b><u>Technical</u></b>	
harmonised codes:	H05VVH6-F = usually up to 1mm <sup>2</sup> H07VVH6-F = usually 1.5mm <sup>2</sup> & above
conductor stranding:	according to class 5 (VDE 0295/IEC 60228/BS EN 60228:2005)
bend radius:	10x depth of cable
voltage rating:	H05VVH6-F = 300/500V operating, 2000 V test H07VVH6-F = 450/750V operating, 2500 V test
current rating:	see Flat, Crane & Drum Reeling chart
temperature range:	flexible -0°C to +60°C, static -15°C to +60°C (some versions suitable for +70°C maximum)
standards:	flame retardant according to IEC 60332-1
core identification:	3-5 cores = coloured to VDE 0293 including green/yellow earth 6+ cores = numbered black cores including green/yellow earth

Conductors		Cable Overall		
No. of	Area (mm <sup>2</sup> )	Depth (mm)	Width (mm)	Weight (kg/km)
4	0.75	4.0-4.5	12.4-13.2	100
5	0.75	4.0-4.5	15.6-16.3	115
6	0.75	4.0-4.5	18.7-19.4	141
8	0.75	4.0-4.5	24.9-25.7	190
9	0.75	4.0-4.5	25.8-26.6	200
10	0.75	4.0-4.5	29.6-30.5	224
12	0.75	4.0-4.5	33.3-34.0	260
16	0.75	4.0-4.5	43.9-44.9	340
18	0.75	4.0-4.5	49.2-51.0	390

Conductors		Cable Overall		
No. of	Area (mm <sup>2</sup> )	Depth (mm)	Width (mm)	Weight (kg/km)
20	0.75	4.0-4.5	54.5-55.3	424
24	0.75	4.0-4.5	64.8-65.8	509
3	1.0	4.2-4.7	10.5-11.0	80
4	1.0	4.2-4.7	13.1-13.7	115
5	1.0	4.2-4.7	15.7-16.3	135
6	1.0	4.2-4.7	20.0-20.8	161
8	1.0	4.2-4.7	26.0-26.8	220
9	1.0	4.2-4.7	27.9-28.7	230



Conductors		Cable Overall			Conductors		Cable Overall		
No. of	Area (mm <sup>2</sup> )	Depth (mm)	Width (mm)	Weight (kg/km)	No. of	Area (mm <sup>2</sup> )	Depth (mm)	Width (mm)	Weight (kg/km)
10	1.0	4.2-4.7	20.4-30.2	256	4	4.0	6.5-7.9	20.0-21.8	343
12	1.0	4.2-4.7	35.5-36.4	392	5	4.0	6.5-7.9	26.0-27.4	428
16	1.0	4.2-4.7	47.6-48.5	495	7	4.0	6.5-7.9	36.6-38.0	590
18	1.0	4.2-4.7	50.0-52.8	580	12	4.0	6.5-7.9	57.7-58.7	880
20	1.0	4.2-4.7	58.5-59.5	660					
24	1.0	4.2-4.7	70.4-71.5	733	4	6.0	7.2-8.5	23.0-25.0	425
					5	6.0	7.2-8.5	31.0-32.0	530
4	1.5	4.5-5.2	13.7-15.5	150	7	6.0	7.2-8.5	39.5-42.6	760
5	1.5	4.5-5.2	16.4-19.7	180					
7	1.5	4.5-5.2	23.5-27.0	250	4	10.0	9.0-10.5	28.9-30.5	710
8	1.5	4.5-5.2	26.8-29.0	288	5	10.0	9.0-10.5	37.9-38.5	836
10	1.5	4.5-5.2	33.8-36.5	350					
12	1.5	4.5-5.2	38.9-42.0	422	4	16.0	10.8-13.0	34.4-38.7	1015
14	1.5	4.5-5.2	46.5-47.3	490	5	16.0	10.8-13.0	43.0-46.6	1370
16	1.5	4.5-5.2	51.5-53.5	560					
18	1.5	4.5-5.6	58.0-60.5	634	4	25.0	13.0-15.5	42.0-45.5	1518
24	1.5	4.5-5.6	82.5-83.3	820	5	25.0	13.0-15.5	55.0-56.0	2000
4	2.5	5.5-6.0	17.0-21.0	219	4	35.0	14.8-16.0	47.6-50.5	2100
5	2.5	5.5-6.0	21.0-24.0	258					
7	2.5	5.5-6.0	30.0-32.5	372	4	50.0	16.5-18.2	56.0-58.0	2940
8	2.5	5.5-6.0	31.9-35.0	398					
12	2.5	5.5-6.0	47.1-52.5	608	4	66.0	19.2-20.2	64.2-66.0	4090
16	2.5	5.5-6.0	54.6-55.4	674					
24	2.5	14.8-15.2	62.5-63.3	1073	4	95.0	20.5-21.5	73.0-75.0	4520
24	2.5	5.5-6.0	94.0-120	1197					

**PVC properties:** fairly tough & flexible material with fair abrasive resistance, good resistance to water, aqueous salt solutions, acids and alkalis, moderate/poor resistance against organic solvents and oils. Oil resistant PVC (polyvinylchloride) is commonly available.

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