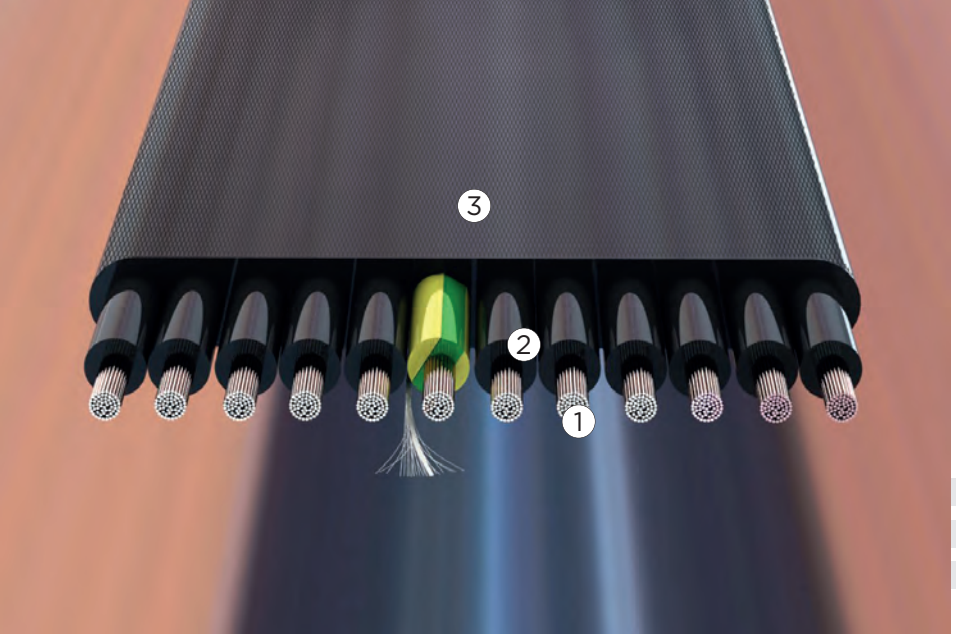
FLATLIFT H05VVH6-F

PVC Flat cable harmonized according to VDE 0281 HD 359

Application
PVC Flat cables are suitable for use as both power and control cables for many different types of travelling machinery including :- Machine tools, Elevators etc. They are also suitable for other applications where cables are required to be bent to a tight radius in one direction.

Construction	
Conductor :	Fine stranded plain copper according to VDE 0295 Class 5
Insulation:	PVC
Core colour :	According to VDE 0293 – up to 5 wires coloured, 6 wires and above black with white numbers with green/yellow earth (also available without g/y on request)
Core Arrangement :	Cores arranged side by side in a single layer
Sheath :	PVC
Sheath colour :	Black
Imprint :	H05VVH6-F
Working Environment	
Maximum operating temperature in mobile application :	-25 deg C – + 70 deg C
Maximum temperature at conductor :	+70 deg C
Environment :	suitable for use in dry & humid areas
Electrical properties	
Nominal voltage :	300/500 V
Test Voltage :	3000 V
Conductor resistance :	In accordance with VDE0295 class 5
Insulation resistance :	> 20 MOhms x km
Additional information	
Minimum bending radius :	Mobile application – 5 x cable thickness
Max travel speed :	1.6 m/s (according to VDE)
Maximum suspended height:	35 meters
Oil resistance :	According to VDE 0472
Flame resistance :	According to VDE 0482 pt IEC 332-1-2 resp. IEC 60332-1-2
Applied Standards	Similar to VDE 0281 / HD 359

We reserve the right to amend all technical details without prior notification



SIMBAL

1. Copper conductor
2. PVC Insulation
3. PVC outer sheath

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Part No	Cross Section mm2	Current Rating @ 30 Deg	CU Number kg/km	Outer Dimensions approx. (mm)	Weight kg/km	Plated Brass Gland size
08021 0075 04	4 G 0.75	12A	29.0	16.0 x 4.5	100	12.1616
08021 0075 06	6 G 0.75	12A	43.2	18.0 x 4.5	140	12.2121
08021 0075 08	8 G 0.75	12A	58.0	27.0 x 4.5	190	12.2930
08021 0075 12	12 G 0.75	12A	87.0	34.5 x 4.5	280	12.3640
08021 0075 16	16 G 0.75	12A	115.2	45.5 x 4.5	360	12.4245
08021 0075 18	18 G 0.75	12A	130.0	51.0 x 4.5	400	12.4250
08021 0075 20	20 G 0.75	12A	144.0	57.0 x 4.5	440	8107
08021 0075 24	24 G 0.75	12A	173.0	68.0 x 4.5	520	8108
08021 0100 04	4 G 1	16A	39.0	17.0 x 4.6	115	12.2121
08021 0100 06	6 G 1	16A	57.6	19.5 x 4.6	170	12.2121
08021 0100 08	8 G 1	16A	77.0	28.5 x 4.6	220	12.2930
08021 0100 12	12 G 1	16A	116.0	36.0 x 4.6	320	12.3640
08021 0100 16	16 G 1	16A	154.0	47.5 x 4.6	420	12.4245
08021 0100 18	18 G 1	16A	173.0	51.7 x 4.6	470	8107
08021 0100 20	20 G 1	16A	192.0	59.0 x 4.6	500	8108
08021 0100 24	24 G 1	16A	231.0	70.0 x 4.6	610	8108

Other sizes are available on request

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