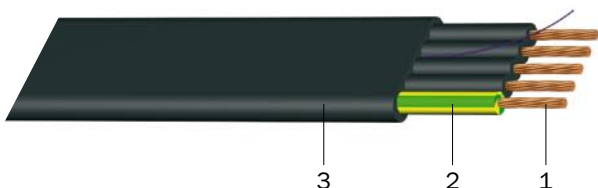


H07VVH6-F

PVC-sheathed flat flexible cable
Standard: DIN VDE 0281 (HD 21)

Application:

In dry and wet rooms and under low to medium mechanical stress, but not outdoors. Intended for the connection of moveable parts of machine tools, hoisting equipment and big machinery if exposed to bending stress only in one direction.



Construction:

- 1 Copper conductor, fine wire
- 2 Insulation (PVC). Cores laid in parallel side by side. For core numbers higher than 5 the cores are divided into two groups.
- 3 Sheath (PVC, black)

- Rated voltage:** 450/750 V
- Test voltage:** 2500 Veff
- Temperature range:**
 During installation: min. -5 °C
 Operating temperature: fixed -40 °C to +70 °C
 moved -5 °C to +70 °C
 Conductor temperature: max. +70 °C
- Bending radius (min.):** 10 x Ø of the cable
- Core identification:** colour code resp. black with printed numbers (DIN VDE 0293)
- Flammability:** Self extinguishing (EN 50265-2-1, IEC 60332-1)
- Certification mark:** VDE Germany

Energy cables

Number of cores x nominal cross section (mm²)	Max. conductor resistance (Ω/km)	Outer diameter (mm) appr.	Cu-value (kg/km)	Total weight (kg/km) appr.	Standard lengths/ packing (m)	Price (EUR/km)
H07VVH6-F						
4 G 1.5	13.300	5.0 x 15.0	60	150	500 T, 1000 T	1,507.48
4 G 2.5	7.980	5.7 x 18.5	100	215	500 T, 1000 T	2,356.47
4 G 4	4.950	6.9 x 21.5	160	320	500 T, 1000 T	3,410.54
4 G 6	3.300	7.6 x 24.5	240	430	500 T, 1000 T	4,579.70
4 G 10	1.910	9.6 x 31.0	400	690	500 T, 1000 T	8,179.17
4 G 16	1.210	10.9 x 35.5	640	970	500 T, 1000 T	11,568.25
4 G 25	0.780	12.7 x 41.5	1,000	1,405	500 T, 1000 T	19,523.81
4 G 35	0.554	15.7 x 49.0	1,400	2,035	500 T	26,047.49
4 G 50	0.368	19.1 x 61.5	2,000	3,000	500 T	34,369.85
4 G 70	0.272	21.5 x 70.0	2,800	4,100	500 T	48,128.44
5 G 1.5	13.300	5.0 x 18.0	75	180	500 T, 1000 T	1,877.48
5 G 2.5	7.980	5.7 x 22.0	125	260	500 T, 1000 T	3,043.53
5 G 4	4.950	6.9 x 26.0	200	390	500 T, 1000 T	4,544.07
5 G 6	3.300	7.6 x 29.5	300	530	500 T, 1000 T	7,133.46
7 G 1.5	13.300	5.0 x 27.0	105	265	500 T, 1000 T	2,638.19
7 G 2.5	7.980	5.7 x 33.5	175	385	500 T, 1000 T	4,033.49
7 G 4	4.950	6.9 x 38.0	280	560	500 T, 1000 T	5,959.11
7 G 6	3.300	7.6 x 43.0	420	750	500 T, 1000 T	9,334.79
8 G 1.5	13.300	5.0 x 30.0	120	295	500 T, 1000 T	2,972.56
8 G 2.5	7.980	5.7 x 37.5	200	430	500 T, 1000 T	4,521.32

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Number of cores x nominal cross section (mm ²)	Max. conductor resistance (Ω/km)	Outer diameter (mm) appr.	Cu- value (kg/km)	Total weight (kg/km) appr.	Standard lengths/ packing (m)	Price (EUR/km)
H07VVH6-F						
10 G 1.5	13.300	5.0 x 36.0	150	355	500 T, 1000 T	3,769.07
10 G 2.5	7.980	5.7 x 44.0	250	530	500 T, 1000 T	6,472.14
12 G 1.5	13.300	5.0 x 41.0	180	415	500 T, 1000 T	4,312.28
12 G 2.5	7.980	5.7 x 51.0	300	610	500 T, 1000 T	6,637.36

Subject to technical changes. All figures are therefore without guarantee.