

TOPFLAT



H07VVH6-F

Flexibility when moving.

DESIGN

Conductor

Electrolytic copper, class 5 (flexible), based on EN 60228.

Insulation

PVC.

The standard identification is the following:

4 G **Brown + Black + Grey + Yellow/Green**

6 or more conductors..... **Black numbered + Yellow/Green**

Outer sheath

Flexible PVC outer sheath, Black colour.

APPLICATIONS

The Topflat H07VVH6-F cable is specially suitable for connecting overhead cranes, devices for operating racks, hoists, lifts, etc. The hanging length of the cable can reach up to 35m and its pull out speed can reach up to 1.6 m/s (overlying cables is not recommended when installing).

Based on : HD 359 / EN 50214

National norm / European: EN 60332-1
International norm : IEC 60332-1



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DIMENSIONS

Cross section (mm ²)	Diameter (mm)	Weight (Kg/km)	Open Air 30°C (A)	Buried 20°C (A)	Voltage drop (V/A · km)
6 G 0,75	17 x 3,9	114	14	-	62,4
8 G 0,75	22 x 3,9	171	14	-	62,4
12 G 0,75	31 x 3,9	229	14	-	62,4
16 G 0,75	41 x 3,9	304	14	-	62,4
20 G 0,75	50 x 3,9	380	14	-	62,4
24 G 0,75	60 x 3,9	447	14	-	62,4
4 G 1	12 x 4,1	97	17	-	40,5
6 G 1	18 x 4,1	140	17	-	46,8
8 G 1	23 x 4,1	182	17	-	46,8
12 G 1	33 x 4,1	267	17	-	46,8
16 G 1	44 x 4,1	352	17	-	46,8
20 G 1	55 x 4,1	437	17	-	46,8
24 G 1	65 x 4,1	523	17	-	46,8
4 G 1,5	17 x 5,3	149	18,5	-	27,6
6 G 1,5	22 x 5,3	213	22	-	31,9
8 G 1,5	28 x 5,3	271	22	-	31,9
12 G 1,5	41 x 5,3	399	22	-	31,9
16 G 1,5	54 x 5,3	528	22	-	31,9
4 G 2,5	21 x 5,9	219	25	-	16,6
6 G 2,5	27 x 5,9	309	30	-	19,2
8 G 2,5	34 x 5,9	399	30	-	19,2
12 G 2,5	50 x 5,9	590	30	-	10,3
4 G 4	23 x 7,0	301	34	-	6,86
4 G 6	25 x 7,2	389	43	-	3,97
4 G 10	30 x 9,3	640	60	-	2,51
4 G 16	35 x 10,5	928	80	-	1,62
4 G 25	44 x 13,1	1.435	101	-	1,15
4 G 35	48 x 14,4	1.880	126	-	0,802
4 G 50	57 x 16,3	2.580	153	-	0,565
4 G 70	62 x 17,8	3.374	196	-	-

CHARACTERISTICS

- Flexible conductor class 5
- Minimum bending radius: 25 x cable thickness
- Outdoor installation: occasional
- Minimum service temperature: 0°C
- Meter by meter marking
- Water resistance: AD6 waves
- Maximum service temperature: 70°C
- Flame non-propagation
- Chemical & oil resistance: good
- Maximum short-circuit temperature: 160°C (maximum 5 s)
- Impact resistance: AG2, medium impact

INSTALLATION CONDITIONS

- Industrial use
- Crane bridges
- Elevators
- Robotics

For further technical data please request this cable's technical datasheet.

Top Cable reserves the right to carry out any modification whatsoever without giving previous notice.