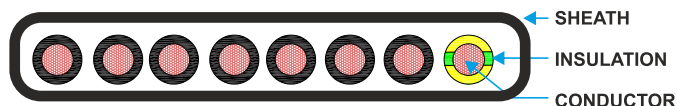




# Elevator Cables

## PVC Flat Elevator Cable



### Application

- Lift handling systems
- Suitable for use in dry, damp and wet rooms as power and control cable, especially on hoisting equipment,

### Properties

- Enhanced thermal, electrical, mechanical and fire properties
- The cores are laid up in flat parallel mode and outer sheathed using PVC hard grade compound that are highly resistant to abrasion, water and oil
- Excellent flexibility
- RoHS compliance

### Construction

- Conductor : Electrolytic grade annealed copper as per IS 8130
- Insulation : PVC Type A, PVC HR or PVC Type D as per IS 5831
- Jacket : Specially formulated PVC with a blend of Elastomer with type ST3 Conforming to IS 5831-1984
- Core colour : 1core Green/Yellow, remaining all core Black
- Sheath colour : Black

### Technical Parameter

- Voltage grade : Upto and including 1100v
- Temp rating : - 25 °C to + 85 °C
- Packing : Standard packing of 100 mtr. in coils
- Longer length available on request
- Test coltage : 3 kV for 5 min.

BS EN 50214    DIN VDE 0281    IEC 60332-1  
 Part 404

RoHS    CE

### Dimension

Part code	Cross sectional area	Conductor resistance at 20°C (Ω/km) Max	Nom. Insulation thickness	Nominal sheath thickness	Approx. overall dimensions	Weight Approx
	Sq. mm					
1701B100005	10Cx0.5	39.0	0.60	0.90	3.90 x 23.0	62
1701B120005	12Cx0.5	39.0	0.60	0.90	3.90 x 27.0	72
1701B160005	16Cx0.5	39.0	0.60	0.90	3.90 x 36.0	97
1701B100007	10Cx0.75	26.0	0.60	0.90	4.15 x 24.5	66
1701B120007	12Cx0.75	26.0	0.60	0.90	4.15 x 29.5	80
1701B160007	16Cx0.75	26.0	0.60	0.90	4.15 x 38.0	102

\*Conductor configuration offered for 1.5 Sq mm-22/0.3 mm, 2.5 Sq mm – 36/0.3 mm (max.), class 2 as per IS 8130



1701 - Elevator Cables



# Elevator Cables

H05VVH6-F / H07VVH6-F (PVC Flat Elevator Cable)



## Application

The cables are used for applications with medium mechanical stresses and sharp bending in one place. They are suitable for use in dry, damp and wet rooms as power and control cable, especially on hoisting equipment, handling systems, machine tools, etc.

## Properties

- Enhanced thermal, electrical, mechanical and fire properties
- The cores are laid up in flat parallel mode and outer sheathed using PVC hard grade compound that are highly resistant to abrasion, water and oil
- Excellent flexibility
- RoHS compliance

## Construction

- Conductor material : Electrolytic grade annealed copper as per IEC 60228
- Insulation : PVC T12
- Jacket : PVC TM2

## Technical Parameter

- Working voltage : 300/500V (H05VVH6-F) ; 450/700V (H07VVH6-F)
- Test voltage : 2KV (H05VVH6-F) ; 2.5KV (H07VVH6-F)
- Bending radius : 10 x cable Ø
- Flexing temperature : - 5°C to + 80°C
- Static temperature : -40°C to +80°C
- Flame retardant : Test class B according to VDE 0472 part 804, IEC 60332-1
- Insulation resistance : 20 MΩ x km

BS EN 50214    DIN VDE 0281    IEC 60332-1  
 Part 404



## Dimension

Part code	No. of Cores X Normal Cross Sectional Area	Normal Conductor Diameter mm	Normal Insulation Thickness mm	Nominal Overall Diameter mm	Normal Copper Weight Kg/Km	Normal Weight Kg/Km
	# X mm <sup>2</sup>					
H05VVH6-F						
1702B040007	4 x 0.75	1.2	0.6	4.2 x 12.6	29	90
1702B080007	8x 0.75	1.2	0.6	4.2 x 23.2	58	175
1702B120007	12x 0.75	1.2	0.6	4.2 x 33.8	86	260
1702B180007	18x 0.75	1.2	0.6	4.2 x 50.2	130	380
1702B240007	24x 0.75	1.2	0.6	4.2 x 65.6	172	490
1702B040010	4 x 1.00	1.4	0.7	4.4 x 13.4	38	105
1702B050010	5x1.00	1.4	0.7	4.4 x 15.5	48	120
1702B080010	8 x 1.00	1.4	0.7	4.4 x 24.8	77	205
1702B120010	12x 1.00	1.4	0.7	4.4 x 36.2	115	300
1702B180010	18x 1.00	1.4	0.7	4.4 x 53.8	208	450
1702B240010	24x 1.00	1.4	0.7	4.4 x 70.4	230	590
H07VVH6-F						
1702B040015	4 x1.5	1.5	0.8	5.1 x 14.8	130	58
1702B050015	5 x1.5	1.5	0.8	5.1 x 17.7	158	72
1702B070015	7 x1.5	1.5	0.8	5.1 x 25.2	223	101
1702B080015	8 x1.5	1.5	0.8	5.1 x 27.3	245	115
1702B100015	10 x1.5	1.5	0.8	5.1 x 33.9	304	144
1702B120015	12 x1.5	1.5	0.8	5.1 x 40.5	365	173
1702B180015	18 x1.5	1.5	0.8	6.1 x 61.4	628	259
1702B240015	24 x1.5	1.5	0.8	5.1 x 83.0	820	346
1702B040025	4 x2.5	1.9	0.8	5.8 x 18.1	192	96
1702B050025	5 x2.5	1.9	0.8	5.8 x 21.6	248	120
1702B070025	7 x2.5	1.9	0.8	5.8 x 31.7	336	168
1702B080025	8 x2.5	1.9	0.8	5.8 x 33.7	368	192
1702B100025	10 x2.5	1.9	0.8	5.8 x 42.6	515	240
1702B120025	12 x2.5	1.9	0.8	5.8 x 49.5	545	288
1702B120025	24 x2.5	1.9	0.8	5.8 x 102.0	1220	480

Note : Tinned copper on Request

B = Bare Copper  
 T = Tin Copper