



# TOPFLAT H05VVH6-F & H07VVH6-F

Flat cables for lifts, cranes, hoists and conveyor systems.

HD 359 – EN 50214

## DESIGN

### 1. Conductor

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

### 2. Insulation

Flexible PVC.

The standard identification of insulated conductors is the following:

4 G	Brown + Black + Grey + Green/yellow
6 or more conductors	Black numbered+ Green/yellow

### 3. Outer sheath

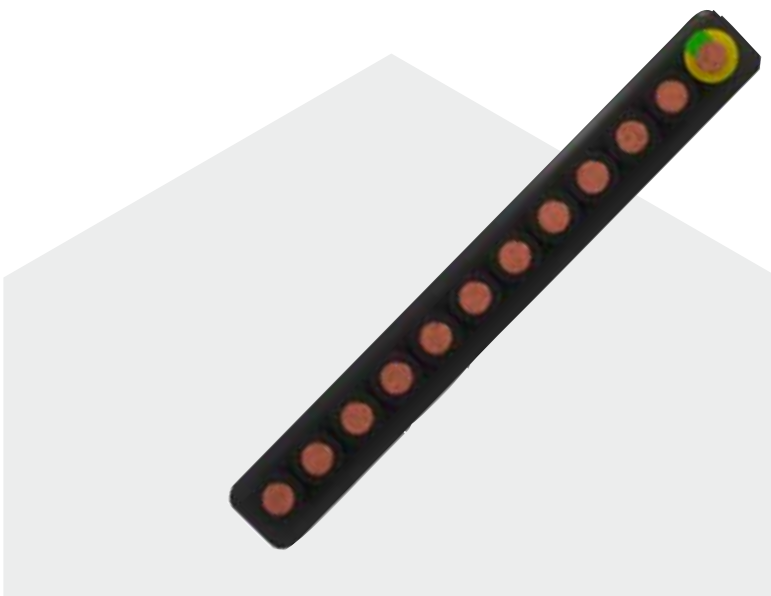
Flexible PVC outer sheath, black colour. The ripcord allows you to gently tear the outer-sheath allowing you to gently peel it away without damaging the screen.

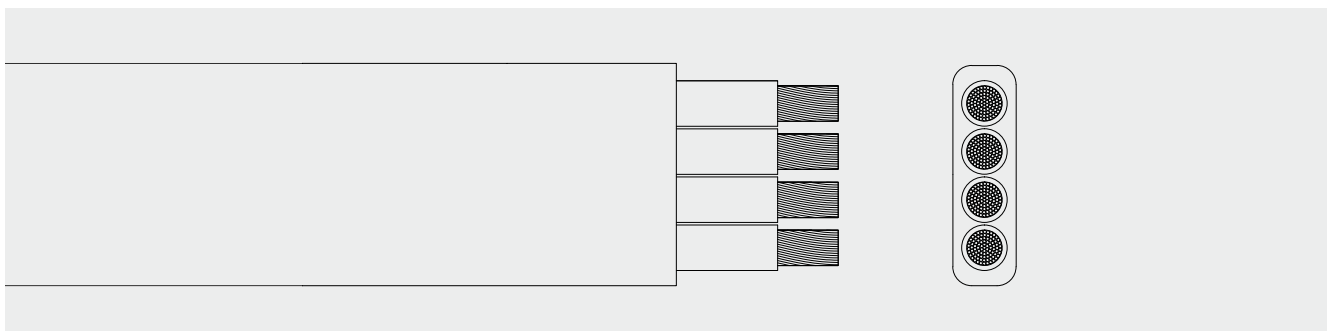
## APPLICATIONS

The Topflat H05VVH6-F & H07VVH6-F is a flat cable specially designed for cranes, lifts, hoists, drum reeling and conveyor systems. 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).



This cable render is an example from this product range and does not necessarily match the selected core size or number of cores.





## CHARACTERISTICS



### Electrical performance

LOW VOLTAGE 300/500 V 450/750 V



### Standard

HD 359 – EN 50214



### Approvals

CE  
HAR  
AENOR  
SASO  
RoHS



### Thermal performance

Maximum service temperature: 70°C.  
Maximum short-circuit temperature: 160°C (max. 5 s).  
Minimum service temperature: 0°C.



### Fire performance

Flame non-propagation based on UNE-EN 60332-1 and IEC 60332-1.  
Reduced emission of halogens. Chlorine <15%.



### Mechanical performance

Minimum bending radius: x25 cable diameter.  
Impact resistance: AG2 Medium severity.



### Chemical performance

Chemical & Oil resistance: Acceptable.



### Water performance

Water resistance: AD5 Jets.



### Other

Meter by meter marking.



### Installation conditions

Open Air.



### Applications

Industrial use.  
Mobile use.  
Hoists.  
Cranes.  
Elevators, lifts.  
Conveyors.

