

FLAT FESTOONING & ELEVATOR CABLES



Application

HO7VVH6-F power and control flat cables can be used on festoons systems on handling equipment as overhead cranes. They are specially designed for indoor and outdoor applications. This cable is suitable for connecting movable parts of machine tools, material handling equipment and large machines, provided it is exposed to bending in only one plane. Cables with more than 5 cores grouped with individual groups separated by a stay.

- Construction : 1 Fine-stranded bare copper
- 2 Core insulation of Thermoplastic Rubber Compound (TPR), cores are laid up parallel
- 3 Outer sheath of Thermoplastic Rubber Compound (TPR), black

- Standards : DIN VDE 0281-404
- DIN EN 60228 class 5 (construction)
- HD 308 S2 (core identification)

Properties of TPR

- Construction**
- Conductor material _____ Plain copper
 - Conductor flexibility _____ Flexible class 5
 - Insulation _____ TPR
 - Lead free _____ Yes
 - Rip Cord _____ For easy removal of sheath
 - Outer sheath _____ TPR
 - Sheath colour _____ Black
 - Earth Core _____ Green/Yellow
- Electrical Characteristics**
- Rated Voltage U₀/U _____ 450 / 750 V
- Mechanical**
- Cable Flexibility _____ Flexible
 - Mechanical Resistance to impacts _____ Good
- Usage characteristics**
- Weather Resistance _____ Good
 - UV Resistance _____ Good
 - Oil & Chemical Resistance _____ Good
 - Maximum Core Temperature still _____ 70 °C
 - Operating Temperature, Range _____ -25°C to +60°C

