

## MVCECH 3.6/6kV



### TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 3,6/6kV
- Min. Bending Radius:  
For Single Core Cables 12x Cable Outer Diameter  
For 3 Core Cables 9x Cable Outer Diameter
- Production Standard: IEC 60092/353,  
IEC 60092/350-360, IEC 60332/1-2,  
IEC 60332/3-22 Cat A, IEC 60754 / 1-2,  
IEC 61034 / 1-2 (DIN EN 50268 / 1-2), IEC60811 /403

### CONSTRUCTION

**Conductor:** Electrolytic, stranded, annealed copper wire  
IEC 60228 Class 2 (Class 5 and / or tinned on request)  
**Conductor Screen:** Semiconductive layer  
**Insulation:** HF HEPR Compound  
**Insulation Screen:** Semiconductive layer  
**Core Screen:** Copper Tape  
**Bedding:** Halogen-free bedding compound  
**Screen:** Electrolytic copper braided screen (90% coverage)  
(Tinned copper wire braid on request)  
**Outer Sheath:** Halogen-free, flame retardant, polyolefin  
compound, SHF 1 (SHF2 on request)  
**Color:** Red

### CODE of CABLE

- MVCECH

### INTRODUCTION

These cables are used in medium Voltage power distribution, electric power transport between the engine room generator and electrical machines. Used as fixed installation cables in various electromechanical and electronic equipments. Due to its' overall screen the electromagnetic interference is minimized.

### SECTION RANGE

- From 10mm<sup>2</sup> up to 300mm<sup>2</sup>

### CONDUCTOR QUANTITY

- From 1 core up to 3 cores

### COLOUR CODE of CABLE

- Insulation Colours code could be according to the International Standards or customer's request/demand.  
\* **Other colours can be produced upon the customer requests.**

### FIRE PERFORMANCE OF CABLE SHEATHS

- Cables can be supplied with special flame retardant PVC outer sheath to comply with the flame test requirements of IEC 60332 Category A-B and C.