

MVCECH 12/20kV



TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 12/20kV
- 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 35mm² up to 300mm²

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.