

## M2XCH - EMC 1,8/3kV



### TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 1.8/3kV
- Min. Bending Radius: 6x 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)

**Insulation:** Cross linked polyethylene compound (XLPE)

**Inner Covering:** Separating foil and / or halogen-free compound

**Screen:** Copper / polyester tape coverage 100% and copper wire braided screen min.coverage 90%  
(Tinned copper wire braid on request)

**Outer Sheath:** Halogen-free, flame retardant, polyolefin based compound (SHF 1)

**Color:** Black or Grey

### CODE of CABLE

- M2XCH - EMC

### INTRODUCTION

These cables are used in a variety of electromechanical and electronic equipment as fixed installation cables.

Electromagnetic interference is reduced due to its overall screen. It can be used as a motor supply cable as well as for frequency converter-controlled low voltage AC drives on ships, also known as VFD applications.

### SECTION RANGE

- From 10mm<sup>2</sup> up to 240mm<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.