

M2XCH - VFD 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 - VFD

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, known as VDF (Variable Frequency Drivers).

SECTION RANGE

- From 10mm² up to 240mm²

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.