

M2XCH - FFR (FI)



TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 0,6/1kV
- 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 5 (Class 2 and / or tinned on request)

Fire Barrier: Mica tape

Insulation: Cross linked polyethylene compound (XLPE)

Inner Covering: Separating foil

Screen: Electrolytic copper braided screen
(min 90 % coverage) (Tinned copper wire braid on request)

Outer Sheath: Halogen-free, flame retardant and fire resistant,
thermoplastic polyolefin based compound (SHF1)

Color: Orange or Green

FI: With extruded bedding compound

CODE of CABLE

- M2XCH-FFR (FI)

INTRODUCTION

These cables are used on marine vehicles as fixed installation cables of various electromechanical and electronic equipments, where sustainable connection during fire is required.

SECTION RANGE

- From 1mm² up to 240mm²

CONDUCTOR QUANTITY

- From 2 cores up to 24 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.