

## FM2XCCH - FFR



### TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 150/250V
- 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)

**Fire Barrier:** Mica Tape

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

**Separator:** Separating tape over pairs

**Individual Screen:** Electrolytic, tinned, stranded, copper drain wire and aluminum tape screen over each pair

**Inner Covering:** Separating foil

**Overall Screen:** Electrolytic copper braided screen

(Min. 90%coverage)(Tinned copper wire braid on request)

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

**Color:** Orange or Green

### CODE of CABLE

- FM2XCCH - FFR

### INTRODUCTION

These cables are used as signal and communication cables in radio, radar and information systems of marine vehicles. It's twisted pairs enables proper transmission of high frequency signals, while it's overall screen minimizes environmental electromagnetic interference.

### SECTION RANGE

- From 0.5mm<sup>2</sup> up to 1.5mm<sup>2</sup>

### 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.