

FM2XAAH - 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 foil over each pair

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

Separator: Separating tape over each screen pair

Overall Screen: Electrolytic, tinned, stranded, copper drain
wire and aluminum tape screen

Separator(Optional): Overall separating foil above overall
screen

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

Color: Orange or Green

CODE of CABLE

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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 0.5mm² up to 1.5mm²

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.