

## FM2XAAH



### 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)  
**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:** Black or Grey

### CODE of CABLE

- FM2XAAH

### INTRODUCTION

These cables are used as signal and communication cables in marine vehicles' radio, radar, and information systems. Its twisted pairs allow for proper transmission of high-frequency signals, while its overall screen reduces electromagnetic interference from the environment.

### SECTION RANGE

- From 0.5mm<sup>2</sup> up to 2.5mm<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.