

## M2XH - FFR (NOFI)



### TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 0,6/1kV
- Min. Bending Radius:  
For cables  $D \leq 25$  mm 4xD Cable Outer Diameter  
For cables  $D > 25$  mm 6xD 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  
**Outer Sheath:** Halogen-free, flame retardant and fire resistant,  
thermoplastic polyolefin based compound (SHF1)  
**Color:** Orange or Green  
**NOFI:** With separating foil

### CODE of CABLE

- M2XH-FFR (NOFI)

### INTRODUCTION

These cables are used as fixed installation cables in various electromechanical and electronic equipments of marine vehicles, in most areas & open deck in ships. Due to its' overall screen the electromagnetic interference is minimized.

### SECTION RANGE

- From 1mm<sup>2</sup> up to 300mm<sup>2</sup>

### CONDUCTOR QUANTITY

- From 1 core 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.