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Marine and Offshore CABLES

Content of Marine and Offshore Cables

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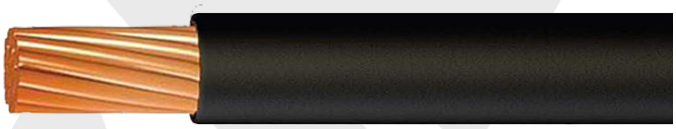
M2X



TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 0,6/1kV
- Min. Bending Radius: 4x 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 bare copper wire IEC 60228 Class 5 (Class 2 and / or tinned on request)
Insulation: Halogen free, flame retardant, cross linked polyolefin compound (HF90).
Color: Black, red, blue and other colors

CODE of CABLE

- **M2X**

INTRODUCTION

These cables are used as fixed wiring in control panels, switch boards and various electrical enclosures and also used as fixed installation cables in various electromechanical and electronic equipments.

SECTION RANGE

- **From 1mm² up to 300mm²**

CONDUCTOR QUANTITY

- **Single core**

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.

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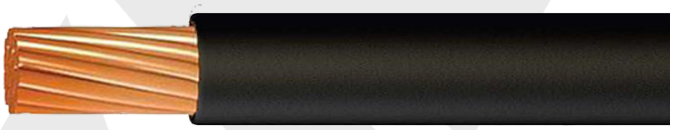
L-M2X



TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 0,6/1kV
- Min. Bending Radius: 4x 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 bare copper wire IEC 60228 Class 5 (Class 2 and / or tinned on request)
Insulation: Halogen free, flame retardant, cross linked polyolefin compound (HF90). Double insulation is available on request.
Color: Black, red, blue and other colors

CODE of CABLE

- **L-M2X**

INTRODUCTION

These cables are used as fixed installation cables in various electromechanical and electronic equipments. Since it has type approval, it can be used in marine switchboards.

SECTION RANGE

- **From 0.50mm² up to 2.5mm²**

CONDUCTOR QUANTITY

- **Single core**

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.

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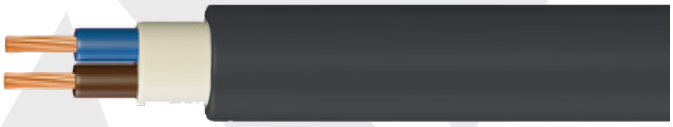
M2XH (FI)



TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 0,6/1kV
- Min. Bending Radius:
  For cables D ≤ 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)
Insulation: Cross linked polyethylene compound (XLPE)
Inner Covering: Halogen-free bedding compound
Outer Sheath: Halogen-free, flame retardant, thermoplastic polyolefinbased compound (SHF 1).
Color: Black or Grey or Red
FI: With extruded bedding compound

CODE of CABLE

- **M2XH (FI)**

INTRODUCTION

These cables are used as fixed installation cables in various electromechanical and electronic equipments of marine vehicles, in the majority of areas and on the open deck of ships.

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.

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M2XH (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 ≤ 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)
Insulation: Cross linked polyethylene compound (XLPE)
Inner Covering: Separating foil
Outer Sheath: Halogen-free, flame retardant, thermoplastic polyolefinbased compound (SHF 1).
Color: Black or Grey or Red
NOFI: With separating foil

CODE of CABLE

- **M2XH (NOFI)**

INTRODUCTION

Used as fixed installation cables in various electromechanical and electronic equipments. Since it has type approval, it can be used in marine switchboards.

SECTION RANGE

- **From 1mm² up to 300mm²**

CONDUCTOR QUANTITY

- **From 1 cores up to 30 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.

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M2XCH (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)
Insulation: Cross linked polyethylene compound (XLPE)
Inner Covering: Halogen-free bedding compound
Screen: Electrolytic copper braided screen (90% coverage). (Tinned copper wire braid on request)
Outer Sheath: Halogen-free, flame retardant, thermoplastic polyolefinbased compound (SHF 1).
Color: Black or Grey or Red
FI: With extruded bedding compound

CODE of CABLE

- **M2XCH (FI)**

INTRODUCTION

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

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.

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M2XCH (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: 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)
Insulation: Cross linked polyethylene compound (XLPE)
Inner Covering: Separating foil
Outer Sheath: Halogen-free, flame retardant, thermoplastic polyolefinbased compound (SHF 1).
Color: Black or Grey or Red
NOFI: With separating foil

CODE of CABLE

- **M2XCH (NOFI)**

INTRODUCTION

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

SECTION RANGE

- **From 1mm² up to 300mm²**

CONDUCTOR QUANTITY

- **From 1 core up to 30 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.

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SupremeFlex SmF M2XH

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 ≤ 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 sector shaped copper wire to IEC 60228 Class 5 SM (Tinned on request)
Insulation: Cross linked polyethylene compound (XLPE)
Inner Covering: Separating foil
Outer Sheath: Halogen-free, flame retardant, polyolefin based compound (SHF 1)
Color: Black or Grey

CODE of CABLE

- **SupremeFlex SmF M2XH**

INTRODUCTION

These cables are used as fixed installation cables in various electromechanical and electronic equipments of marine vehicles, in most areas & on open deck in ships.

SECTION RANGE

- **From 35mm² up to 240mm²**

CONDUCTOR QUANTITY

- **From 3 cores up to 4 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.

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SupremeFlex SmF M2XCH

TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 0,6/1kV
- Min. Bending Radius: 8x 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 sector shaped copper wire to IEC 60228 Class 5 (Tinned on request)
Insulation: Cross linked polyethylene compound (XLPE)
Inner Covering: Separating foil
Screen: Electrolytic copper braided screen (90% coverage). (Tinned copper wire braid on reguest)
Outer Sheath: Halogen-free, flame retardant, polyolefin based compound (SHF 1)
Color: Black or Grey

CODE of CABLE

- **SupremeFlex SmF M2XCH**

INTRODUCTION

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

SECTION RANGE

- **From 35mm² up to 240mm²**

CONDUCTOR QUANTITY

- **From 3 core up to 4 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.

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SupremeFlex SmF M2XH-FFR

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 ≤ 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 sector shaped copper wire to IEC 60228 Class 5 SM (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

CODE of CABLE

- **SupremeFlex SmF M2XH-FFR**

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 35mm² up to 240mm²**

CONDUCTOR QUANTITY

- **From 3 cores up to 4 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.

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SupremeFlex SmF M2XCH-FFR

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 sector shaped copper wire to IEC 60228 Class 5 (Tinned on request)
Fire Barrier: Mica tape
Insulation: Cross linked polyethylene compound (XLPE)
Inner Covering: Separating foil
Screen: Electrolytic copper braided screen (90% coverage). (Tinned copper wire braid on reguest)
Outer Sheath: Halogen-free, flame retardant, polyolefin based compound (SHF 1)
Color: Orange or Green

CODE of CABLE

- **SupremeFlex SmF M2XCH-FFR**

INTRODUCTION

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

SECTION RANGE

- **From 35mm² up to 240mm²**

CONDUCTOR QUANTITY

- **From 3 core up to 4 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.

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M2XH-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:
  For cables D ≤ 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
FI: With extruded bedding compound

CODE of CABLE

- **M2XH-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.

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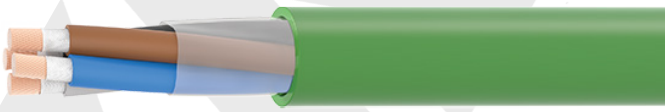
M2XH - FFR (NOFI)



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 ≤ 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 vehichles, in most areas & open deck in ships. Due to its' overall screen the electromagnetic interference is minimized.

SECTION RANGE

- **From 1mm² up to 300mm²**

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.

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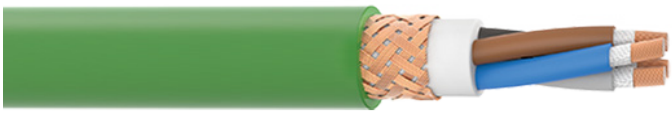
M2XCH - FFR (FI)



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 reguest)
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

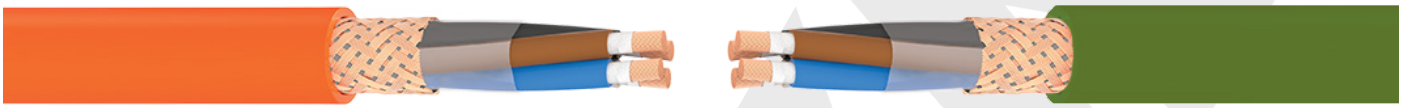
- Insulation Colours code could be according to the International Standards or customer's request/demand.
  * **Other colours can be produced upon the customer requests.**

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.

DEMKA
single source for all electrical needs

M2XCH - 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: 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 reguest)
Outer Sheath: Halogen-free, flame retardant and fire resistant, thermoplastic polyolefin based compound (SHF1)
Color: Orange or Green
NOFI: With extruded bedding compound

CODE of CABLE

- **M2XCH-FFR (NOFI)**

INTRODUCTION

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

SECTION RANGE

- **From 1mm² up to 300mm²**

CONDUCTOR QUANTITY

- **From 1 core up to 24 cores**

COLOUR CODE of CABLE

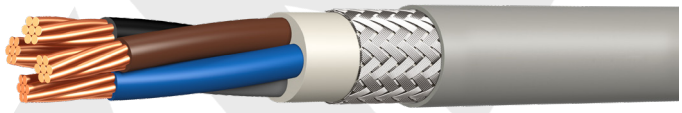
- Insulation Colours code could be according to the International Standards or customer's request/demand.
  * **Other colours can be produced upon the customer requests.**

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.

DEMKA
single source for all electrical needs

M2XSH



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)
Insulation: Cross linked polyethylene compound (XLPE)
Inner Sheath: Halogen-free bedding compound
Armour: Galvanized steel wire braided armour (Min. 90% coverage)
Outer Sheath: Halogen-free, flame retardant, polyolefin based compound (SHF 1)
Color: Black or Grey

CODE of CABLE

- **M2XSH**

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.

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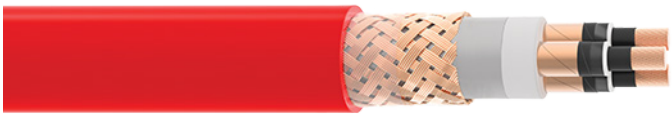
MVCECH 3.6/6kV



TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 3,6/6kV
- Min. Bending Radius:
  For Single Core Cables 12x Cable Outer Diameter
  For 3 Core Cables 9x 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)
Conductor Screen: Semiconductive layer
Insulation: HF HEPR Compound
Insulation Screen: Semiconductive layer
Core Screen: Copper Tape
Bedding: Halogen-free bedding compound
Screen: Electrolytic copper braided screen (90% coverage) (Tinned copper wire braid on request)
Outer Sheath: Halogen-free, flame retardant, polyolefin compound, SHF 1 (SHF2 on request)
Color: Red

CODE of CABLE

- **MVCECH**

INTRODUCTION

These cables are used in medium Voltage power distribution, electric power transport between the engine room generator and electrical machines. Used as fixed installation cables in various electromechanical and electronic equipments.
Due to its' overall screen the electromagnetic interference is minimized.

SECTION RANGE

- **From 10mm² up to 300mm²**

CONDUCTOR QUANTITY

- **From 1 core up to 3 cores**

COLOUR CODE of CABLE

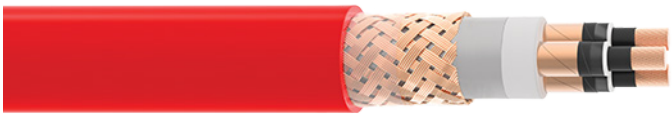
- Insulation Colours code could be according to the International Standards or customer's request/demand.
  *** Other colours can be produced upon the customer requests.**

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.

DEMKA
single source for all electrical needs

MVCECH 6/10kV



TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 6/10kV
- Min. Bending Radius:
  For Single Core Cables 12x Cable Outer Diameter
  For 3 Core Cables 9x 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)
Conductor Screen: Semiconductive layer
Insulation: HF HEPR Compound
Insulation Screen: Semiconductive layer
Core Screen: Copper Tape
Bedding: Halogen-free bedding compound
Screen: Electrolytic copper braided screen (90% coverage) (Tinned copper wire braid on request)
Outer Sheath: Halogen-free, flame retardant, polyolefin compound, SHF 1 (SHF2 on request)
Color: Red

CODE of CABLE

- **MVCECH**

INTRODUCTION

These cables are used in medium Voltage power distribution, electric power transport between the engine room generator and electrical machines. Used as fixed installation cables in various electromechanical and electronic equipments.
Due to its' overall screen the electromagnetic interference is minimized.

SECTION RANGE

- **From 16mm² up to 300mm²**

CONDUCTOR QUANTITY

- **From 1 core up to 3 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.

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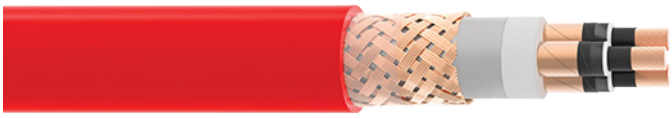
single source for all electrical needs

MVCECH 8.7/15kV



TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 8.7/15kV
- Min. Bending Radius:
  For Single Core Cables 12x Cable Outer Diameter
  For 3 Core Cables 9x 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)
Conductor Screen: Semiconductive layer
Insulation: HF HEPR Compound
Insulation Screen: Semiconductive layer
Core Screen: Copper Tape
Bedding: Halogen-free bedding compound
Screen: Electrolytic copper braided screen (90% coverage) (Tinned copper wire braid on request)
Outer Sheath: Halogen-free, flame retardant, polyolefin compound, SHF 1 (SHF2 on request)
Color: Red

CODE of CABLE

- **MVCECH**

INTRODUCTION

These cables are used in medium Voltage power distribution, electric power transport between the engine room generator and electrical machines. Used as fixed installation cables in various electromechanical and electronic equipments.
Due to its' overall screen the electromagnetic interference is minimized.

SECTION RANGE

- **From 25mm² up to 300mm²**

CONDUCTOR QUANTITY

- **From 1 core up to 3 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.

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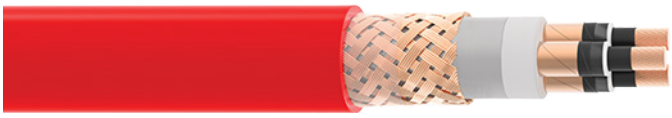
single source for all electrical needs

MVCECH 12/20kV



TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 12/20kV
- Min. Bending Radius:
  For Single Core Cables 12x Cable Outer Diameter
  For 3 Core Cables 9x 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)
Conductor Screen: Semiconductive layer
Insulation: HF HEPR Compound
Insulation Screen: Semiconductive layer
Core Screen: Copper Tape
Bedding: Halogen-free bedding compound
Screen: Electrolytic copper braided screen (90% coverage) (Tinned copper wire braid on request)
Outer Sheath: Halogen-free, flame retardant, polyolefin compound, SHF 1 (SHF2 on request)
Color: Red

CODE of CABLE

- **MVCECH**

INTRODUCTION

These cables are used in medium Voltage power distribution, electric power transport between the engine room generator and electrical machines. Used as fixed installation cables in various electromechanical and electronic equipments.
Due to its' overall screen the electromagnetic interference is minimized.

SECTION RANGE

- **From 35mm² up to 300mm²**

CONDUCTOR QUANTITY

- **From 1 core up to 3 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.

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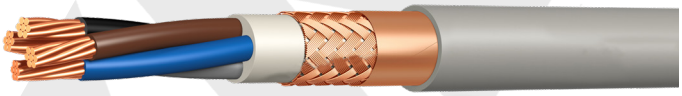
single source for all electrical needs

M2XCH - VFD 1,8/3kV



TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 1.8/3kV
- 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)
Inner Covering: Separating foil and / or halogen-free compound
Screen: Copper / poylester tape coverage 100% and copper wire braided screen min.coverage 90%
(Tinned copper wire braid on request)
Outer Sheath: Halogen-free, flame retardant, polyolefin based compound (SHF 1)
Color: Black or Grey

CODE of CABLE

- **M2XCH - VFD**

INTRODUCTION

These cables are used in a variety of electromechanical and electronic equipment as fixed installation cables.
Electromagnetic interference is reduced due to its overall screen. It can be used as a motor supply cable as well as for frequency converter-controlled low voltage AC drives on ships, known as VDF (Variable Frequency Drivers).

SECTION RANGE

- **From 10mm² up to 240mm²**

CONDUCTOR QUANTITY

- **From 1 core up to 3 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.

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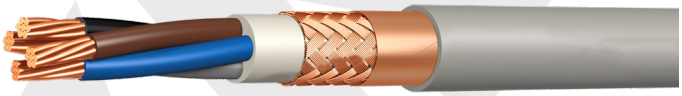
M2XCH - VFD 0,6/1kV



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 2 (Class 5 and / or tinned on request)
Insulation: Cross linked polyethylene compound (XLPE)
Inner Covering: Separating foil and / or halogen-free compound
Screen: Copper / poylester tape coverage 100% and copper wire braided screen min.coverage 90%
(Tinned copper wire braid on request)
Outer Sheath: Halogen-free, flame retardant, polyolefin based compound (SHF 1)
Color: Black or Grey

CODE of CABLE

- **M2XCH - VFD**

INTRODUCTION

These cables are used in a variety of electromechanical and electronic equipment as fixed installation cables.
Electromagnetic interference is reduced due to its overall screen. It can be used as a motor supply cable as well as for frequency converter-controlled low voltage AC drives on ships, known as VDF (Variable Frequency Drivers).

SECTION RANGE

- **From 10mm² up to 240mm²**

CONDUCTOR QUANTITY

- **From 1 core up to 3 cores**

COLOUR CODE of CABLE

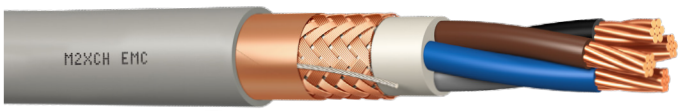
- Insulation Colours code could be according to the International Standards or customer's request/demand.
  *** Other colours can be produced upon the customer requests.**

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.

DEMKA
single source for all electrical needs

M2XCH - EMC 1,8/3kV



TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 1.8/3kV
- 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)
Inner Covering: Separating foil and / or halogen-free compound
Screen: Copper / poylester tape coverage 100% and copper wire braided screen min.coverage 90%
(Tinned copper wire braid on request)
Outer Sheath: Halogen-free, flame retardant, polyolefin based compound (SHF 1)
Color: Black or Grey

CODE of CABLE

- **M2XCH - EMC**

INTRODUCTION

These cables are used in a variety of electromechanical and electronic equipment as fixed installation cables.
Electromagnetic interference is reduced due to its overall screen. It can be used as a motor supply cable as well as for frequency converter-controlled low voltage AC drives on ships, also known as VFD applications.

SECTION RANGE

- **From 10mm² up to 240mm²**

CONDUCTOR QUANTITY

- **From 1 core up to 3 cores**

COLOUR CODE of CABLE

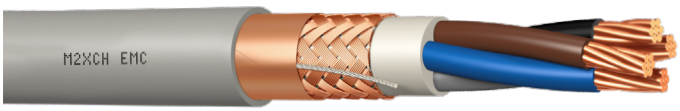
- Insulation Colours code could be according to the International Standards or customer's request/demand.
  *** Other colours can be produced upon the customer requests.**

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.

DEMKA
single source for all electrical needs

M2XCH - EMC 0,6/1kV



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 2 (Class 5 and / or tinned on request)
Insulation: Cross linked polyethylene compound (XLPE)
Inner Covering: Separating foil and / or halogen-free compound
Screen: Copper / poylester tape coverage 100% and copper wire braided screen min.coverage 90%
(Tinned copper wire braid on request)
Outer Sheath: Halogen-free, flame retardant, polyolefin based compound (SHF 1)
Color: Black or Grey

CODE of CABLE

- **M2XCH - EMC**

INTRODUCTION

These cables are used in a variety of electromechanical and electronic equipment as fixed installation cables.
Electromagnetic interference is reduced due to its overall screen. It can be used as a motor supply cable as well as for frequency converter-controlled low voltage AC drives on ships, also known as VFD applications.

SECTION RANGE

- **From 1mm² up to 240mm²**

CONDUCTOR QUANTITY

- **From 2 cores up to 5 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.

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single source for all electrical needs

FM2XH MULTI CORE

TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 150/250V
- Min. Bending Radius:
  For cables D ≤ 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 2 (Class 5 and / or tinned on request)
Insulation: Cross linked polyethylene compound (XLPE)
Inner Covering: Separating foil
Outer Sheath: Halogen-free, flame retardant, polyolefin based compound (SHF 1)
Color: Black or Grey

CODE of CABLE

- **FM2XH MULTI CORE**

INTRODUCTION

These cables are used as control and signal cables in various electromechanical and electronic equipments of marine vehicles, in most areas & on open deck in ships.

SECTION RANGE

- **From 0.5mm² up to 2.5mm²**

CONDUCTOR QUANTITY

- **From 2 cores up to 36 cores**

COLOUR CODE of CABLE

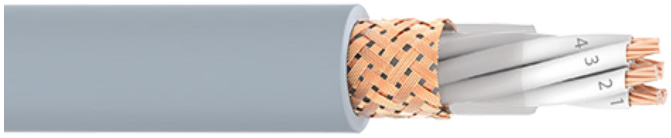
- Insulation Colours code could be according to the International Standards or customer's request/demand.
  *** Other colours can be produced upon the customer requests.**

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.

DEMKA
single source for all electrical needs

FM2XCH MULTI CORE



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)
Inner Covering: Separating foil
Screen: Electrolytic copper braided screen (Min. 90% coverage) (Tinned copper wire braid on reguest)
Outer Sheath: Halogen-free, flame retardant, polyolefin based compound (SHF 1)
Color: Black or Grey

CODE of CABLE

- **FM2XCH MULTI CORE**

INTRODUCTION

These cables are used as control and signal cables in various electromechanical and electronic equipments of marine vehicles, in most areas & on open deck in ships.

SECTION RANGE

- **From 0.5mm² up to 2.5mm²**

CONDUCTOR QUANTITY

- **From 2 cores up to 36 cores**

COLOUR CODE of CABLE

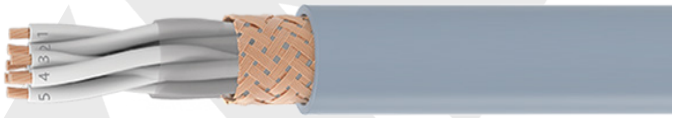
- Insulation Colours code could be according to the International Standards or customer's request/demand.
  *** Other colours can be produced upon the customer requests.**

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.

DEMKA
single source for all electrical needs

FM2XCH



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)
Inner Covering: Separating foil
Screen: Electrolytic copper braided screen (Min. 90% coverage) (Tinned copper wire braid on reguest)
Outer Sheath: Halogen-free, flame retardant, polyolefin based compound (SHF 1)
Color: Black or Grey

CODE of CABLE

- **FM2XCH**

INTRODUCTION

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

SECTION RANGE

- **From 0.5mm² up to 1.5mm²**

CONDUCTOR QUANTITY

- **From 1 core up to 37 cores**

COLOUR CODE of CABLE

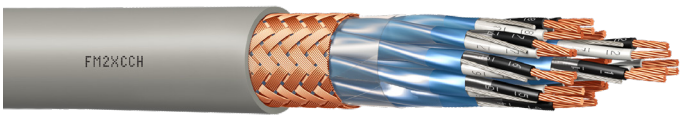
- Insulation Colours code could be according to the International Standards or customer's request/demand.
  *** Other colours can be produced upon the customer requests.**

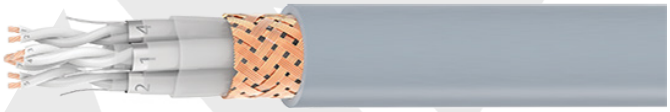
FIRE PERFORMANCE Of CABLE SHEATHS

- 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.

DEMKA
single source for all electrical needs

FM2XCCH





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 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 reguest)
Outer Sheath: Halogen-free, flame retardant, polyolefin based compound (SHF 1)
Color: Black or Grey

CODE of CABLE

- **FM2XCCH**

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 0.5mm² up to 1.5mm²**

CONDUCTOR QUANTITY

- **From 2 cores up to 24 cores**

COLOUR CODE of CABLE

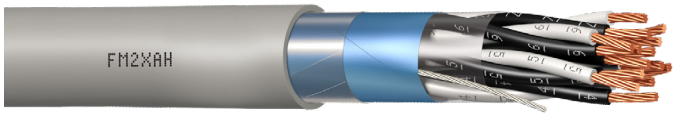
- Insulation Colours code could be according to the International Standards or customer's request/demand.
  *** Other colours can be produced upon the customer requests.**

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.

DEMKA
single source for all electrical needs

FM2XAH



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)
Inner Covering: Separating foil
Screen: Electrolytic, tinned, stranded, copper drain wire and aluminum tape overal screen
Separator(Optional): Separating foil above screen
Outer Sheath: Halogen-free, flame retardant, polyolefin based compound (SHF 1)
Color: Black or Grey

CODE of CABLE

- **FM2XAH**

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 0.5mm² up to 2.5mm²**

CONDUCTOR QUANTITY

- **From 1 core up to 37 cores**

COLOUR CODE of CABLE

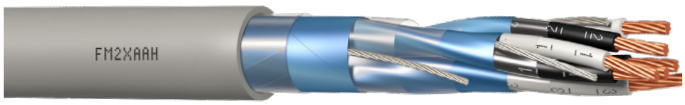
- Insulation Colours code could be according to the International Standards or customer's request/demand.
  *** Other colours can be produced upon the customer requests.**

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.

DEMKA
single source for all electrical needs

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 screened 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 0.5mm² up to 2.5mm²**

CONDUCTOR QUANTITY

- **From 2 cores up to 24 cores**

COLOUR CODE of CABLE

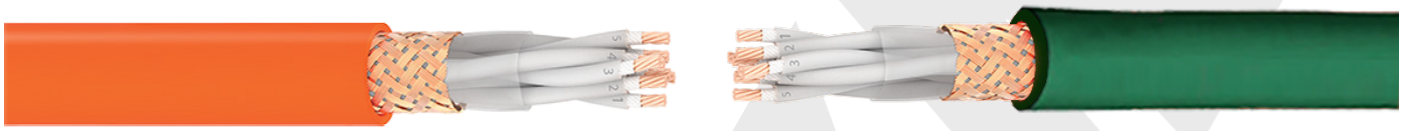
- Insulation Colours code could be according to the International Standards or customer's request/demand.
  *** Other colours can be produced upon the customer requests.**

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.

DEMKA
single source for all electrical needs

FM2XCH - 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)
Inner Covering: Separating foil
Screen: Electrolytic copper braided screen (Min. 90% coverage) (Tinned copper wire braid on reguest)
Outer Sheath: Halogen-free, flame retardant, polyolefin based compound (SHF 1)
Color: Orange or Green

CODE of CABLE

- **FM2XCH - FFR**

INTRODUCTION

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

SECTION RANGE

- **From 0.5mm² up to 1.5mm²**

CONDUCTOR QUANTITY

- **From 1 core up to 37 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.

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single source for all electrical needs

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 reguest)
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 0.5mm² up to 1.5mm²**

CONDUCTOR QUANTITY

- **From 2 cores up to 24 cores**

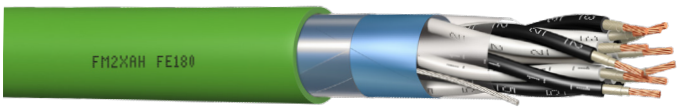
COLOUR CODE of CABLE

- 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.

FM2XAH -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)
Inner Covering: Separating foil
Screen: Electrolytic, tinned, stranded, copper drain wire and aluminum tape overal screen
Separator(Optional): Separating foil above screen)
Outer Sheath: Halogen-free, flame retardant, polyolefin based compound (SHF 1)
Color: Orange or Green

CODE of CABLE

- **FM2XAH - 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 0.5mm² up to 1.5mm²**

CONDUCTOR QUANTITY

- **From 1 core up to 37 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.

DEMKA
single source for all electrical needs

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 screened 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

- **FM2XAAH - 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 0.5mm² 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.


NO SMOKING
DANGEROUS CARGO

Marine and Offshore CABLES

Content of Marine and Offshore Cables

- **Offshore Cables acc. to NEK 606 Standard**
  - RFOU TYPE P1/P8 0,6/1 kV
  - BFOU TYPE P5/P12 0,6/1 kV
  - RU TYPE P18 0,6/1 kV
  - BU TYPE P17 0,6/1 kV
  - RFCU 0,6/1 kV
  - BFCU 0,6/1 kV
  - RFOU (I) TYPE S1/S5 250 V
  - RFOU (C) TYPE S2/S6 250 V
  - BFOU (I) TYPE S3/S7 250 V
  - BFOU (C) TYPE S4/S8 250 V
  - RU (I) TYPE S11 250 V
  - RU (C) TYPE S12 250 V
  - BU (I) TYPE S13 250 V
  - BU (C) TYPE S14 250 V
  - RFCU (I) 250 V
  - RFCU (C) 250 V
  - BFCU (I) 250 V
  - BFCU (C) 250 V
  - RU (I+C) 250 V
  - BU (I+C) 250 V
  - RFOU VFD 0,6/1 kV
- **Offshore Cables acc. to BS 6883, BS 7917 Standard**
  - U-8RW4
  - U-8RW4FR
  - U-8RW4FRG
  - U-8RW4FRGT (C)
  - U-8RW4FRGT (I)
  - U-8RW4FRT (C)
  - U-8RW4FRT (I)
  - U-8RW4G
  - U-8RW4GT (C)
  - U-8RW4GT (I)
  - U-8RW4T (C)
  - U-8RW4T (I)

DEMKA
single source for all electrical needs

RFOU TYPE P1/P8

TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 0,6/1kV
- Min. Bending Radius: 8x Cable Outer Diameter
- Production Standard: NEK TS 606, 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: Ethylene Propylene Rubber (EPR)
Inner Covering: Flame retardant and halogen-free compound
Armour: Tinned annealed copper wire braid
Outer Sheath: Flame retardant, halogen-free and mud resistant thermoset compound, SHF MUD
Color: Black and other colors

CODE of CABLE

- **RFOU TYPE P1/P8**

INTRODUCTION

These cables are used for permanent power, control, and lighting installations in both explosion and safe areas, as well as emergency and critical systems. Suitable for installations in mud and drilling or cleaning fluid-prone areas.

SECTION RANGE

- **From 1.5mm² up to 300mm²**

CONDUCTOR QUANTITY

- **From 1 core up to 37 cores**

COLOUR CODE of CABLE

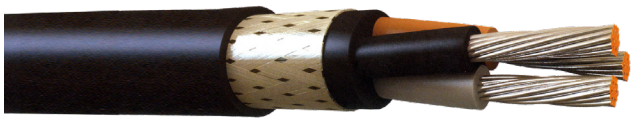
- Insulation Colours code could be according to the International Standards or customer's request/demand.
  * **Other colours can be produced upon the customer requests.**

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.

DEMKA
single source for all electrical needs

BFOU TYPE P5/P12



TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 0,6/1kV
- Min. Bending Radius: 8x Cable Outer Diameter
- Production Standard: NEK TS 606, 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: Mica Glass Tape and Ethylene Propylene Rubber (EPR)
Inner Covering: Flame retardant and halogen-free compound
Armour: Tinned annealed copper wire braid
Outer Sheath: Flame retardant, halogen-free and mud resistant thermoset compound, SHF MUD
Color: Black and other colors

CODE of CABLE

- **BFOU TYPE P1/P8**

INTRODUCTION

These cables are intended for fixed installation for power, control, and lighting in both explosion and safe areas, as well as emergency and critical systems where fire resistance is required. Suitable for installations in areas where mud and drilling or cleaning fluids are present.

SECTION RANGE

- **From 1.5mm² up to 300mm²**

CONDUCTOR QUANTITY

- **From 1 core up to 37 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.

DEMKA
single source for all electrical needs

RU TYPE P18

TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 0,6/1kV
- Min. Bending Radius: 8x Cable Outer Diameter
- Production Standard: NEK TS 606, 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: Ethylene Propylene Rubber (EPR)
Inner Covering: Flame retardant and halogen-free compound
Outer Sheath: Flame retardant, halogen-free thermoset compound, SHF2
Color: Black and other colors

CODE of CABLE

- **RU TYPE P18**

INTRODUCTION

These cables are used for permanent power, control, and lighting installations in both explosion and safe areas, as well as emergency and critical systems. Suitable for installations in mud and drilling or cleaning fluid-prone areas.

SECTION RANGE

- **From 1.5mm² up to 300mm²**

CONDUCTOR QUANTITY

- **From 1 core up to 37 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.

DEMKA
single source for all electrical needs

BU TYPE P7

TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 0,6/1kV
- Min. Bending Radius: 8x Cable Outer Diameter
- Production Standard: NEK TS 606, 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: Mica Glass Tape and Ethylene Propylene Rubber (EPR)
Inner Covering: Flame retardant and halogen-free compound
Outer Sheath: Flame retardant, halogen-free thermoset compound, SHF2
Color: Black and other colors

CODE of CABLE

- **BU TYPE P17**

INTRODUCTION

These cables are intended for fixed installation for power, control, and lighting in both explosion and safe areas, as well as emergency and critical systems where fire resistance is required. Suitable for installations in areas where mud and drilling or cleaning fluids are present.

SECTION RANGE

- **From 1.5mm² up to 300mm²**

CONDUCTOR QUANTITY

- **From 1 core up to 37 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.

DEMKA
single source for all electrical needs

RFCU

TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 0,6/1kV
- Min. Bending Radius: 8x Cable Outer Diameter
- Production Standard: NEK TS 606, 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: Hard grade Ethylene Propylene Rubber (HEPR)
Inner Covering: Flame retardant and halogen-free compound
Armour: Galvanised steel wire braid
Outer Sheath: Flame retardant, halogen-free thermoset compound, SHF2
Color: Black and other colors

CODE of CABLE

- **RFCU**

INTRODUCTION

These cables are used for fixed installation for power, control and lighting in both explosion and safe areas, emergency and critical systems.

SECTION RANGE

- **From 1.5mm² up to 300mm²**

CONDUCTOR QUANTITY

- **From 1 core up to 37 cores**

COLOUR CODE of CABLE

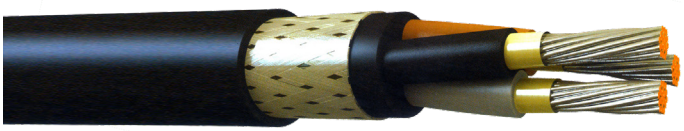
- Insulation Colours code could be according to the International Standards or customer's request/demand.
  * **Other colours can be produced upon the customer requests.**

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.

DEMKA
single source for all electrical needs

BFCU



TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 0,6/1kV
- Min. Bending Radius: 8x Cable Outer Diameter
- Production Standard: NEK TS 606, 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: Plain or tinned annealed stranded circular copper, wire IEC 60228 Class 2 (Class 5 and / or tinned on request)
Insulation: Mica Glass Tape and Hard grade Ethylene Propylene Rubber (HEPR)
Inner Covering: Flame retardant and halogen-free compound
Armour: Galvanised steel wire braid
Outer Sheath: Flame retardant, halogen-free thermoset compound, SHF2
Color: Black and other colors

CODE of CABLE

- **BFCU**

INTRODUCTION

These cables are used for fixed installation for power, control and lighting in both explosion and safe areas, emergency and critical systems.

SECTION RANGE

- **From 1.5mm² up to 300mm²**

CONDUCTOR QUANTITY

- **From 1 core up to 37 cores**

COLOUR CODE of CABLE

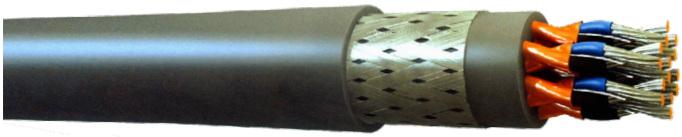
- Insulation Colours code could be according to the International Standards or customer's request/demand.
  * **Other colours can be produced upon the customer requests.**

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.

DEMKA
single source for all electrical needs

RFOU (I) TYPE S1/S5



TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 250V
- Min. Bending Radius: 10x Cable Outer Diameter
- Production Standard: NEK TS 606, 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: Tinned annealed stranded circular copper wire IEC 60228 Class 2

Insulation: Ethylene Propylene Rubber (EPR)

Twisting: Color coded cores twisted together to form a pair/triad

Individual Screen: Each pair/triple are screened by copper backed polyester tape in contact with a stranded tinned copper drain wire and wrapped with polyester tape. Pairs/triples are identified by printed numbers on insulated conductors.

Inner Covering: Flame retardant and halogen-free compound

Armour: Tinned annealed copper wire braid

Outer Sheath: Flame retardant, halogen-free and mud resistant thermoset compound

Color: Grey

CODE of CABLE

- **RFOU (I) TYPE S1/S5**

INTRODUCTION

These cables are used for fixed installation for control, instrumentation and telecommunication in both explosion and safe areas, emergency and critical systems. For installations in areas exposed to mud and drilling or cleaning fluids.

SECTION RANGE

- **From 0.75mm² up to 1.5mm²**

CONDUCTOR QUANTITY

- **From 1 core up to 24 cores**

COLOUR CODE of CABLE

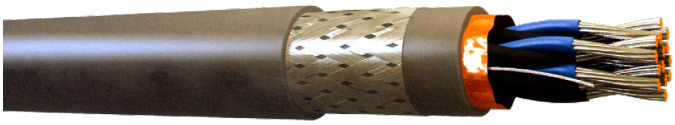
- Insulation Colours code could be according to the International Standards or customer's request/demand.
  *** Other colours can be produced upon the customer requests.**

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.

DEMKA
single source for all electrical needs

RFOU (C) TYPE S2/S6



TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 250V
- Min. Bending Radius: 8x Cable Outer Diameter
- Production Standard: NEK TS 606, 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: Tinned annealed stranded circular copper wire IEC 60228 Class 2

Insulation: Ethylene Propylene Rubber (EPR)

Twisting: Color coded cores twisted together to form a pair/triad

Collective Screen: Pairs/triples are laid-up and collectively screened by copper backed polyester tape in contact with a stranded tinned copper drain wire. Pairs/triples are identified by printed numbers on insulated conductors.

Inner Covering: Flame retardant and halogen-free compound

Armour: Tinned annealed copper wire braid

Outer Sheath: Flame retardant, halogen-free and mud resistant thermoset compound

Color: Grey

CODE of CABLE

- **RFOU (C) TYPE S2/S6**

INTRODUCTION

These cables are used for fixed installation for control, instrumentation and telecommunication in both explosion and safe areas, emergency and critical systems. For installations in areas exposed to mud and drilling or cleaning fluids.

SECTION RANGE

- **From 0.75mm² up to 1.5mm²**

CONDUCTOR QUANTITY

- **From 1 core up to 24 cores**

COLOUR CODE of CABLE

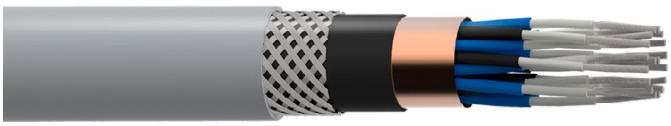
- Insulation Colours code could be according to the International Standards or customer's request/demand.
  *** Other colours can be produced upon the customer requests.**

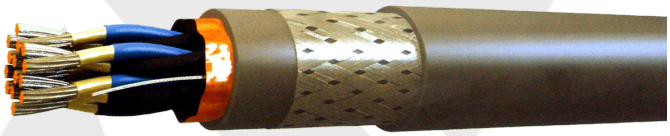
FIRE PERFORMANCE Of CABLE SHEATHS

- 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.

DEMKA
single source for all electrical needs

BFOU (C) TYPE S4/S8





TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 250V
- Min. Bending Radius: 8x Cable Outer Diameter
- Production Standard: NEK TS 606, 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: Tinned annealed stranded circular copper wire IEC 60228 Class 2

Insulation: Mica Glass Tape and Ethylene Propylene Rubber (EPR)

Twisting: Color coded cores twisted together to form a pair/triad

Collective Screen: Pairs/triples are laid-up and collectively screened by copper backed polyester tape in contact with a stranded tinned copper drain wire. Pairs/triples are identified by printed numbers on insulated conductors.

Inner Covering: Flame retardant and halogen-free compound

Armour: Tinned annealed copper wire braid

Outer Sheath: Flame retardant, halogen-free and mud resistant thermoset compound

Color: Grey

CODE of CABLE

- **BFOU (C) TYPE S4/S8**

INTRODUCTION

These cables are used for fixed installation for control, instrumentation and telecommunication in both explosion and safe areas, emergency and critical systems. For installations in areas exposed to mud and drilling or cleaning fluids.

SECTION RANGE

- **From 0.75mm² up to 2.5mm²**

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.

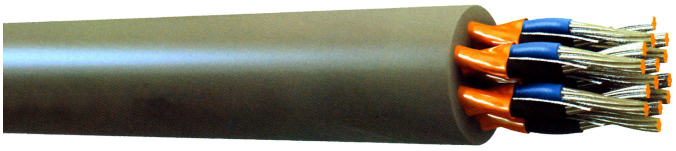
  *** Other colours can be produced upon the customer requests.**

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.

DEMKA
single source for all electrical needs

RU (I) TYPE S11



TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 250V
- Min. Bending Radius: 10x Cable Outer Diameter
- Production Standard: NEK TS 606, 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: Tinned annealed stranded circular copper wire IEC 60228 Class 2

Insulation: Ethylene Propylene Rubber (EPR)

Twisting: Color coded cores twisted together to form a pair/triad

Individual Screen: Each pair/triple are screened by copper backed polyes-ter tape in contact with a stranded tinned cop-per drain wire and wrapped with polyester tape. Pairs/triples are identified by printed numbers on insulated conductors.

Outer Sheath: Flame retardant, halogen-free and mud resistant thermoset compound

Color: Grey

CODE of CABLE

- **RU (I) TYPE S11**

INTRODUCTION

These cables are used for fixed installation for control, instrumentation and telecommunication in both explosion and safe areas, emergency and critical systems. For installations in areas exposed to mud and drilling or cleaning fluids.

SECTION RANGE

- **From 0.75mm² up to 2.5mm²**

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.

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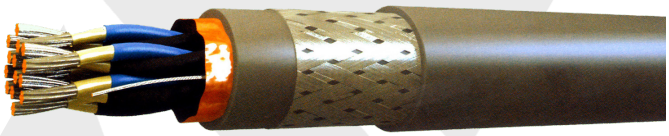
single source for all electrical needs

RU (C) TYPE S12



TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 250V
- Min. Bending Radius: 8x Cable Outer Diameter
- Production Standard: NEK TS 606, 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: Tinned annealed stranded circular copper wire IEC 60228 Class 2

Insulation: Ethylene Propylene Rubber (EPR)

Twisting: Color coded cores twisted together to form a pair/triad

Collective Screen: Pairs/triples are laid-up and collectively screened by copper backed polyester tape in contact with a stranded tinned copper drain wire. Pairs/triples are identified by printed numbers on insulated conductors.

Outer Sheath: Flame retardant, halogen-free thermoset compound, SHF2

Color: Grey

CODE of CABLE

- **RU (C) TYPE S12**

INTRODUCTION

These cables are used for fixed installation for control, instrumentation and telecommunication in both explosion and safe areas, emergency and critical systems.

SECTION RANGE

- **From 0.75mm² up to 2.5mm²**

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.

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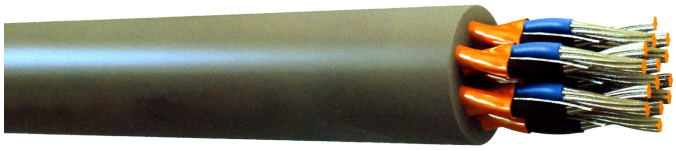
single source for all electrical needs

BU (I) TYPE S13



TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 0,6/1kV
- Min. Bending Radius: 10x Cable Outer Diameter
- Production Standard: NEK TS 606, 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: Tinned annealed stranded circular copper wire IEC 60228 Class 2

Insulation: Mica Glass Tape and Ethylene Propylene Rubber (EPR)

Twisting: Color coded cores twisted together to form a pair/triad

Individual Screen: Each pair/triple are screened by copper backed polyes-ter tape in contact with a stranded tinned copper drain wire and wrapped with polyester tape. Pairs/triples are identified by printed numbers on insulated conductors.

Outer Sheath: Flame retardant, halogen-free and mud resistant thermoset compound

Color: Grey

CODE of CABLE

- **BU (I) TYPE S13**

INTRODUCTION

These cables are used for fixed installation for control, instrumentation and telecommunication in both explosion and safe areas, emergency and critical systems. For installations in areas exposed to mud and drilling or cleaning fluids.

SECTION RANGE

- **From 0.75mm² up to 2.5mm²**

CONDUCTOR QUANTITY

- **From 1 core up to 24 cores**

COLOUR CODE of CABLE

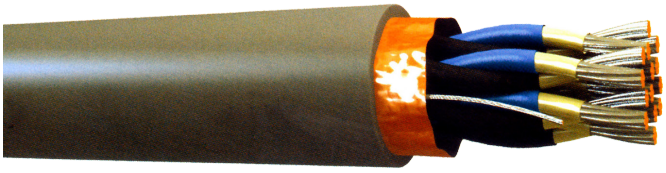
- Insulation Colours code could be according to the International Standards or customer's request/demand.
  * **Other colours can be produced upon the customer requests.**

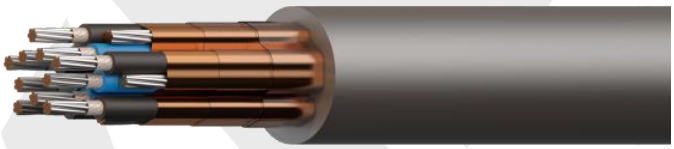
FIRE PERFORMANCE Of CABLE SHEATHS

- 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.

DEMKA
single source for all electrical needs

BU (C) TYPE S14





TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 250V
- Min. Bending Radius: 8x Cable Outer Diameter
- Production Standard: NEK TS 606, 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: Tinned annealed stranded circular copper wire IEC 60228 Class 2

Insulation: Mica Glass Tape and Ethylene Propylene Rubber (EPR)

Twisting: Color coded cores twisted together to form a pair/triad

Collective Screen: Pairs/triples are laid-up and collectively screened by copper backed polyester tape in contact with a stranded tinned copper drain wire. Pairs/triples are identified by printed numbers on insulated conductors.

Outer Sheath: Flame retardant, halogen-free thermoset compound, SHF2

Color: Grey

CODE of CABLE

- **BU (C) TYPE S14**

INTRODUCTION

These cables are used for fixed installation for control, instrumentation and telecommunication in both explosion and safe areas, emergency and critical systems.

SECTION RANGE

- **From 0.75mm² up to 2.5mm²**

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.

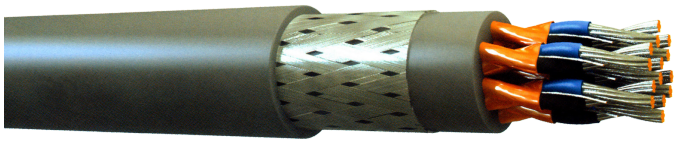
  * **Other colours can be produced upon the customer requests.**

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.

DEMKA
single source for all electrical needs

RFCU (I)



TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 250V
- Min. Bending Radius: 10x Cable Outer Diameter
- Production Standard: NEK TS 606, 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: Tinned annealed stranded circular copper wire IEC 60228 Class 2

Insulation: Mica Glass Tape and Ethylene Propylene Rubber (EPR)

Twisting: Color coded cores twisted together to form a pair/triad

Individual Screen: Each pair/triple are screened by copper backed polyes-ter tape in contact with a stranded tinned copper drain wire and wrapped with polyester tape. Pairs/triples are identified by printed numbers on insulated conductors.

Outer Sheath: Flame retardant, halogen-free and mud resistant thermoset compound

Color: Grey

CODE of CABLE

- **RFCU (I)**

INTRODUCTION

These cables are used for fixed installation for power, control and lighting in both explosion and safe areas, emergency and critical systems.

SECTION RANGE

- **From 0.75mm² up to 2.5mm²**

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.

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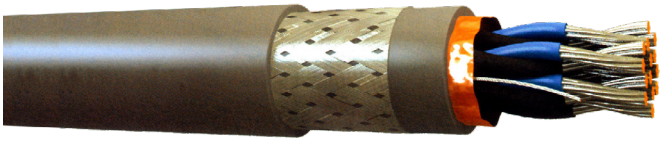
RFCU (C)



TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 250V
- Min. Bending Radius: 10x Cable Outer Diameter
- Production Standard: NEK TS 606, 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: Tinned annealed stranded circular copper wire IEC 60228 Class 2

Insulation: Mica Glass Tape and Ethylene Propylene Rubber (EPR)

Twisting: Color coded cores twisted together to form a pair/triad

Collective Screen: Pairs/triples are laid-up and collectively screened by copper backed polyester tape in contact with a stranded tinned copper drain wire. Pairs/triples are identified by printed numbers on insulated conductors.

Inner Covering: Flame retardant and halogen-free compound

Armour: Galvanised steel wire braid

Outer Sheath: Flame retardant, halogen-free thermoset compound, SHF2

Color: Grey

CODE of CABLE

- **RFCU (C)**

INTRODUCTION

These cables are used for fixed installation for control, instrumentation and telecommunication in both explosion and safe areas, emergency and critical systems.

SECTION RANGE

- **From 0.75mm² up to 2.5mm²**

CONDUCTOR QUANTITY

- **From 1 core up to 24 cores**

COLOUR CODE of CABLE

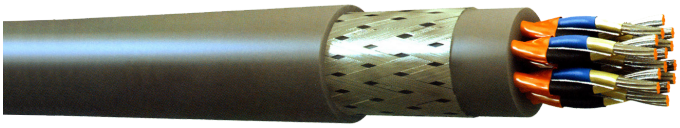
- Insulation Colours code could be according to the International Standards or customer's request/demand.

  *** 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.

BFCU (I)



TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 250V
- Min. Bending Radius: 10x Cable Outer Diameter
- Production Standard: NEK TS 606, 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: Tinned annealed stranded circular copper wire IEC 60228 Class 2

Insulation: Mica Glass Tape and Ethylene Propylene Rubber (EPR)

Twisting: Color coded cores twisted together to form a pair/triad

Individual Screen: Each pair/triple are screened by copper backed polyester tape in contact with a stranded tinned copper drain wire and wrapped with polyester tape. Pairs/triples are identified by printed numbers on insulated conductors.

Inner Covering: Flame retardant and halogen-free compound

Armour: Galvanised steel wire braid

Outer Sheath: Flame retardant, halogen-free thermoset compound, SHF2

Color: Grey

CODE of CABLE

- **BFCU (I)**

INTRODUCTION

These cables are used for fixed installation for power, control and lighting in both explosion and safe areas, emergency and critical systems.

SECTION RANGE

- **From 0.75mm² up to 2.5mm²**

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.

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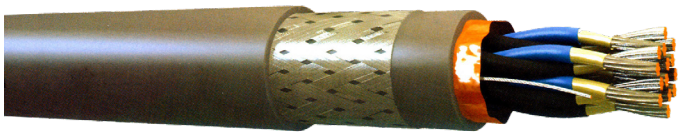
BFCU (C)



TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 250V
- Min. Bending Radius: 8x Cable Outer Diameter
- Production Standard: NEK TS 606, 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: Tinned annealed stranded circular copper wire IEC 60228 Class 2

Insulation: Mica Glass Tape and Ethylene Propylene Rubber (EPR)

Twisting: Color coded cores twisted together to form a pair/triad

Collective Screen: Pairs/triples are laid-up and collectively screened by copper backed polyester tape in contact with a stranded tinned copper drain wire. Pairs/triples are identified by printed numbers on insulated conductors.

Inner Covering: Flame retardant and halogen-free compound

Armour: Galvanised steel wire braid

Outer Sheath: Flame retardant, halogen-free thermoset compound, SHF2

Color: Grey

CODE of CABLE

- **BFCU (C)**

INTRODUCTION

These cables are used for fixed installation for control, instrumentation and telecommunication in both explosion and safe areas, emergency and critical systems where requirement for fire resistance exists.

SECTION RANGE

- **From 0.75mm² up to 2.5mm²**

CONDUCTOR QUANTITY

- **From 1 core up to 24 cores**

COLOUR CODE of CABLE

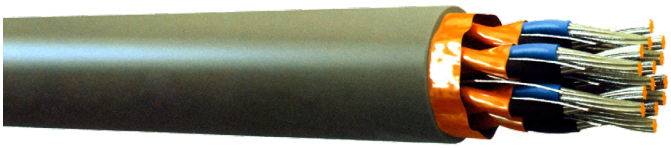
- Insulation Colours code could be according to the International Standards or customer's request/demand.
  * **Other colours can be produced upon the customer requests.**

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.

DEMKA
single source for all electrical needs

RU (I+C)



TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 250V
- Min. Bending Radius: 10x Cable Outer Diameter
- Production Standard: NEK TS 606, 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: Tinned annealed stranded circular copper wire IEC 60228 Class 2

Insulation: Mica Glass Tape and Ethylene Propylene Rubber (EPR)

Twisting: Color coded cores twisted together to form a pair/triad

Individual Screen: Each pair/triple are screened by copper (or aluminium)backed polyester tape in contact with a stranded tinnedcopper drain wire and wrapped with polyester tape. Pairs/triples are identified by printed numbers on insulated conductors.

Collective Screen: Individually screened pairs/triples are laid-up and collectively screened by copper (or aluminium) backed polyester tape in contact with a stranded tinned copper drain wire.

Outer Sheath: Flame retardant, halogen-free thermoset compound, SHF2

Color: Grey

CODE of CABLE

- **RU (I+C)**

INTRODUCTION

These cables are used for fixed installation for control, instrumentation and telecommunication in both explosion and safe areas, emergency and critical systems where requirement for fire resistance exists.

SECTION RANGE

- **From 0.75mm² up to 2.5mm²**

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.

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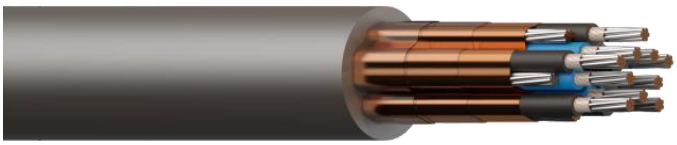
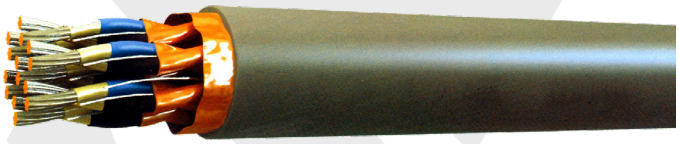
single source for all electrical needs

BU (I+C)





TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 250V
- Min. Bending Radius: 10x Cable Outer Diameter
- Production Standard: NEK TS 606, 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: Tinned annealed stranded circular copper wire IEC 60228 Class 2

Insulation: Mica Glass Tape and Ethylene Propylene Rubber (EPR)

Twisting: Color coded cores twisted together to form a pair/triad

Collective Screen: Pairs/triples are laid-up and collectively screened by copper backed polyester tape in contact with a stranded tinned copper drain wire. Pairs/triples are identified by printed numbers on insulated conductors.

Inner Covering: Flame retardant and halogen-free compound

Armour: Galvanised steel wire braid

Outer Sheath: Flame retardant, halogen-free thermoset compound, SHF2

Color: Grey

CODE of CABLE

- **BU (I+C)**

INTRODUCTION

These cables are used for fixed installation for control, instrumentation and telecommunication in both explosion and safe areas, emergency and critical systems where requirement for fire resistance exists.

SECTION RANGE

- **From 0.75mm² up to 2.5mm²**

CONDUCTOR QUANTITY

- **From 1 core up to 24 cores**

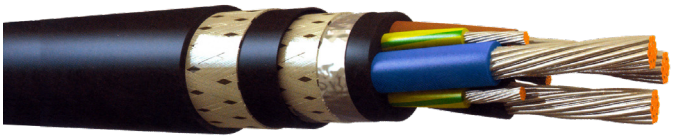
COLOUR CODE of CABLE

- 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.

RFOU VFD



TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 0,6/1kV
- Min. Bending Radius: 8x Cable Outer Diameter
- Production Standard: NEK TS 606, 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: Plain or tinned annealed stranded circular copper, IEC 60228, Class 2 or Class 5
Earthing Conductor: Plain or tinned annealed stranded circular copper, IEC 60228, Class 2 or Class 5
Insulation: Hard grade Ethylene Propylene Rubber (HEPR)
Screen: Metal coated polyester tape + tinned or bare copper wire braid
Inner Sheath: Flame retardant and halogen-free compound
Armour: Tinned or bare copper wire braid
Outer Sheath: Flame retardant, halogen-free thermoset compound, SHF2
Color: Black

CODE of CABLE

- **RFOU VFD**

INTRODUCTION

These cables are use in variable frequency AC motor drive (VFD) applications.

SECTION RANGE

- **From 25mm² up to 185mm²**

CONDUCTOR QUANTITY

- **3 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.

DEMKA
single source for all electrical needs

CU/EPR/SW4

TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 0,6/1kV
- Production Standard: BS 6883, 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: Tinned stranded copper in accordance with IEC 60228 CL2, CL5

Insulation: Ethylene Propylene Rubber (EPR), GP4 in accordance with BS 7655-1.2

Outer Jacket: Halogen free extruded compound, SW4 in accordance with BS 7655-2.6

Color: Black

CODE of CABLE

- **U-8RW4; CU/EPR/SW4**

INTRODUCTION

These cables are used for fixed installation for power, control and lighting in both and safe areas, emergency and critical offshore applications.

SECTION RANGE

- **From 1mm² up to 300mm²**

CONDUCTOR QUANTITY

- **From 1 core up to 35 cores**

COLOUR CODE of CABLE

- Insulation Colours code could be according to the International Standards or customer's request/demand.

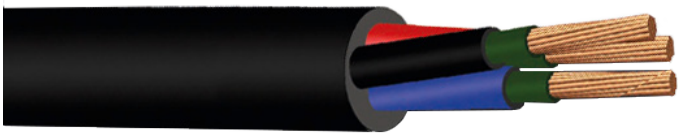
  * **Other colours can be produced upon the customer requests.**

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.

DEMKA
single source for all electrical needs

CU/MGT/EPR/SW4



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: BS 6883, 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: Tinned stranded copper in accordance with IEC 60228 CL2, CL5

Mica Tape: Helically applied fire resistant tape

Insulation: Ethylene Propylene Rubber (EPR), GP4 in accordance with BS 7655-1.2

Outer Jacket: Halogen free extruded compound, SW4 in accordance with BS 7655-2.6

Color: Black

CODE of CABLE

- **U-8RW4FR; CU/MGT/EPR/SW4**

INTRODUCTION

These cables are use in variable frequency AC motor drive (VFD) applications.

SECTION RANGE

- **From 25mm² up to 185mm²**

CONDUCTOR QUANTITY

- **From 1 core up to 37 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.

DEMKA
single source for all electrical needs

CU/MGT/EPR/SW4/GSWB/SW4

TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 0,6/1kV
- Production Standard: BS 6883, 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: Tinned stranded copper in accordance with IEC 60228 CL2, CL5

Mica Tape: Helically applied fire resistant tape

Insulation: Ethylene Propylene Rubber (EPR), GP4 in accordance with BS 7655-1.2

Inner Jacket: Halogen free extruded compound, SW4 in accordance with BS 7655-2.6

Armour: Steel wire braid in accordance with BS 6883

Outer Jacket: Halogen free extruded compound, SW4 in accordance with BS 7655-2.6

Color: Black

CODE of CABLE

- **U-8RW4FRG; CU/MGT/EPR/SW4/GSWB/SW4**

INTRODUCTION

These cables are used for fixed installation for power, control and lighting in both and safe areas, emergency and critical offshore applications where requirement for fire resistance exists.

SECTION RANGE

- **From 1mm² up to 120mm²**

CONDUCTOR QUANTITY

- **From 2 cores up to 37 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.

DEMKA
single source for all electrical needs

CU/MGT/EPR/OS/SW4/GSWB/SW4

TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 250V
- Min. Bending Radius: 6x Cable Outer Diameter
- Production Standard: BS 6883, 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: Tinned stranded copper in accordance with IEC 60228 CL2, CL5
Mica Tape: Helically applied fire resistant tape
Insulation: Ethylene Propylene Rubber (EPR), GP4 in accordance with BS 7655-1.2
Tape: Polyester tape
Wire: Tinned copper drain wire
Tape: Metal coated polyester tape
Inner Jacket: Halogen free extruded compound, SW4 in accordance with BS 7655-2.6
Armour: Steel wire braid in accordance with BS 6883
Outer Jacket: Halogen free extruded compound, SW4 in accordance with BS 7655-2.6
Color: Black

CODE of CABLE

- **U-8RW4FRGT (C); CU/MGT/EPR/OS/SW4/GSWB/SW4**

INTRODUCTION

These cables are used in ship and sea vehicles for telecommunication and signal applications, screened against electromagnetic interferences

SECTION RANGE

- **From 0.75mm² up to 1mm²**

CONDUCTOR QUANTITY

- **From 3 cores up to 37 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.

DEMKA
single source for all electrical needs

CU/MGT/EPR/IS/SW4/GSWB/SW4

TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 250V
- Production Standard: BS 6883, 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: Tinned stranded copper in accordance with IEC 60228 CL2, CL5
Mica Tape: Helically applied fire resistant tape
Insulation: Ethylene Propylene Rubber (EPR), GP4 in accordance with BS 7655-1.2
Tape: Polyester tape
Wire: Tinned copper drain wire
Tape: Polyester tape
Inner Jacket: Halogen free extruded compound, SW4 in accordance with BS 7655-2.6
Armour: Steel wire braid in accordance with BS 6883
Outer Jacket: Halogen free extruded compound, SW4 in accordance with BS 7655-2.6
Color: Black

CODE of CABLE

- **U-8RW4FRGT (I); CU/MGT/EPR/IS/SW4/GSWB/SW4**

INTRODUCTION

These cables are used for fixed installation for power, control and lighting in both and safe areas, emergency and critical offshore applications where requirement for fire resistance exists.

SECTION RANGE

- **From 1mm² up to 120mm²**

CONDUCTOR QUANTITY

- **From 2 cores up to 37 cores**

COLOUR CODE of CABLE

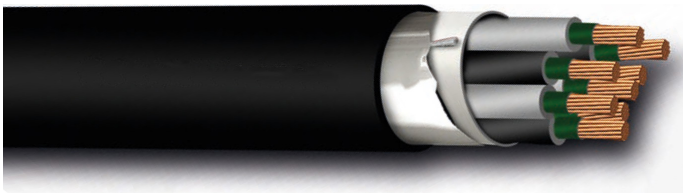
- Insulation Colours code could be according to the International Standards or customer's request/demand.
  * **Other colours can be produced upon the customer requests.**

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.

DEMKA
single source for all electrical needs

CU/MGT/EPR/OS/SW4



TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 250V
- Min. Bending Radius: 6x Cable Outer Diameter
- Production Standard: BS 6883, 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: Tinned stranded copper in accordance with IEC 60228 CL2, CL5
Mica Tape: Helically applied fire resistant tape
Insulation: Ethylene Propylene Rubber (EPR), GP4 in accordance with BS 7655-1.2
Tape: Polyester Tape
Wire: Tinned copper drain wire
Tape: Metal coated polyester tape
Outer Jacket: Halogen free extruded compound, SW4 in accordance with BS 7655-2.6
Color: Black

CODE of CABLE

- **U-8RW4FRT (C); CU/MGT/EPR/OS/SW4**

INTRODUCTION

These cables are used in ship and sea vehicles for telecommunication and signal applications, screened against electromagnetic interferences

SECTION RANGE

- **From 0.75mm² up to 1mm²**

CONDUCTOR QUANTITY

- **From 3 cores up to 37 cores**

COLOUR CODE of CABLE

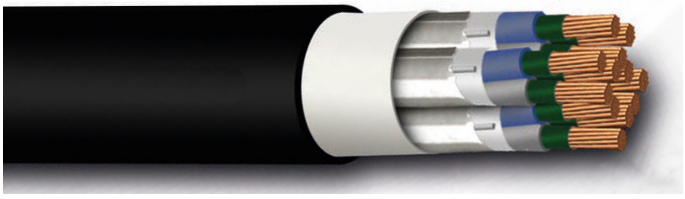
- Insulation Colours code could be according to the International Standards or customer's request/demand.
  * **Other colours can be produced upon the customer requests.**

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.

DEMKA
single source for all electrical needs

CU/MGT/EPR/IS/SW4



TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 25x0V
- Production Standard: BS 6883, 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: Tinned stranded copper in accordance with IEC 60228 CL2, CL5
Mica Tape: Helically applied fire resistant tape
Insulation: Ethylene Propylene Rubber (EPR), GP4 in accordance with BS 7655-1.2
Tape: Polyester Tape
Wire: Tinned copper drain wire
Tape: Metal coated polyester tape
Tape: Polyester tape
Outer Jacket: Halogen free extruded compound, SW4 in accordance with BS 7655-2.6
Color: Black

CODE of CABLE

- **U-8RW4FRT (I); CU/MGT/EPR/IS/SW4**

INTRODUCTION

These cables are used for fixed installation for power, control and lighting in both and safe areas, emergency and critical offshore applications where requirement for fire resistance exists.

SECTION RANGE

- **From 1mm² up to 120mm²**

CONDUCTOR QUANTITY

- **From 2 cores up to 37 cores**

COLOUR CODE of CABLE

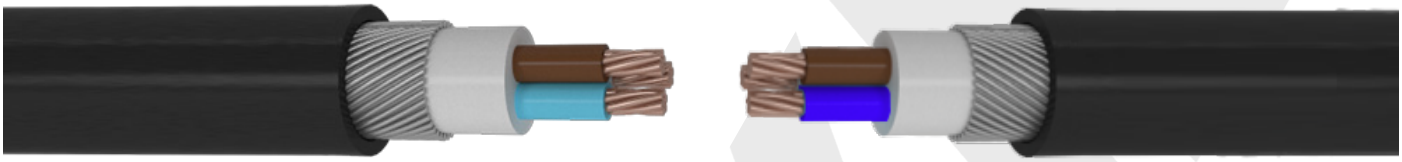
- Insulation Colours code could be according to the International Standards or customer's request/demand.
  * **Other colours can be produced upon the customer requests.**

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.

DEMKA
single source for all electrical needs

CU/EPR/SW4/GSWB/SW4



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: BS 6883, 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: Tinned stranded copper in accordance with IEC 60228 CL2, CL5
Mica Tape: Helically applied fire resistant tape
Insulation: Ethylene Propylene Rubber (EPR), GP4 in accordance with BS 7655-1.2
Tape: Polyester Tape
Wire: Tinned copper drain wire
Tape: Metal coated polyester tape
Outer Jacket: Halogen free extruded compound, SW4 in accordance with BS 7655-2.6
Color: Black

CODE of CABLE

- **U-8RW4G; CU/EPR/SW4/GSWB/SW4**

INTRODUCTION

These cables are used in ship and sea vehicles for telecommunication and signal applications, screened against electromagnetic interferences

SECTION RANGE

- **From 1mm² up to 120mm²**

CONDUCTOR QUANTITY

- **From 2 cores up to 37 cores**

COLOUR CODE of CABLE

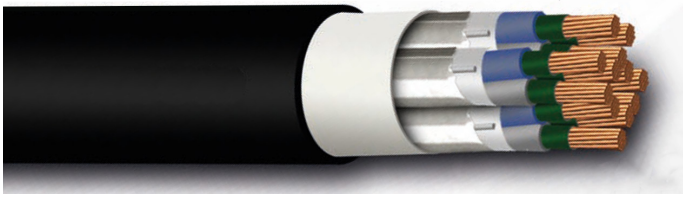
- Insulation Colours code could be according to the International Standards or customer's request/demand.
  * **Other colours can be produced upon the customer requests.**

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.

DEMKA
single source for all electrical needs

CU/EPR/OS/SW4/GSWB/SW4



TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 250V
- Production Standard: BS 6883, 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: Tinned stranded copper in accordance with IEC 60228 CL2, CL5
Mica Tape: Helically applied fire resistant tape
Insulation: Ethylene Propylene Rubber (EPR), GP4 in accordance with BS 7655-1.2
Tape: Polyester Tape
Wire: Tinned copper drain wire
Tape: Metal coated polyester tape
Tape: Polyester tape
Outer Jacket: Halogen free extruded compound, SW4 in accordance with BS 7655-2.6
Color: Black

CODE of CABLE

- **U-8RW4GT (C); CU/EPR/OS/SW4/GSWB/SW4**

INTRODUCTION

These cables are used for fixed installation for power, control and lighting in both and safe areas, emergency and critical offshore applications where requirement for fire resistance exists.

SECTION RANGE

- **From 1mm² up to 120mm²**

CONDUCTOR QUANTITY

- **From 2 cores up to 37 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.

DEMKA
single source for all electrical needs

CU/EPR/OS/SW4/GSWB/SW4

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: BS 6883, 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: Tinned stranded copper in accordance with IEC 60228 CL2, CL5
Insulation: Ethylene Propylene Rubber (EPR), GP4 in accordance with BS 7655-1.2
Tape: Polyester Tape
Wire: Tinned copper drain wire
Tape: Metal coated polyester tape
Inner Jacket: Halogen free extruded compound, SW4 in accordance with BS 7655-2.6
Armour: Steel wire braid in accordance with BS 6883
Outer Jacket: Halogen free extruded compound, SW4 in accordance with BS 7655-2.6
Color: Black

CODE of CABLE

- **U-8RW4GT (C); CU/EPR/OS/SW4/GSWB/SW4**

INTRODUCTION

These cables are used in ship and sea vehicles for telecommunication and signal applications, screened against electromagnetic interferences

SECTION RANGE

- **From 0.75mm² up to 1mm²**

CONDUCTOR QUANTITY

- **From 3 cores up to 37 cores**

COLOUR CODE of CABLE

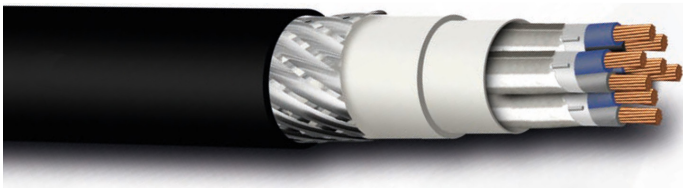
- Insulation Colours code could be according to the International Standards or customer's request/demand.
  * **Other colours can be produced upon the customer requests.**

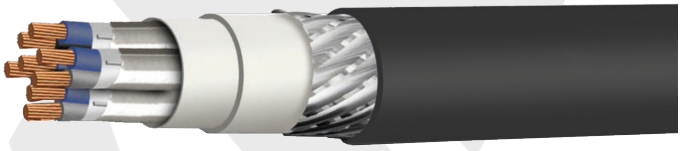
FIRE PERFORMANCE Of CABLE SHEATHS

- 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.

DEMKA
single source for all electrical needs

CU/EPR/IS/SW4/GSWB/SW4





TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 250V
- Production Standard: BS 6883, 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: Tinned stranded copper in accordance with IEC 60228 CL2, CL5
Insulation: Ethylene Propylene Rubber (EPR), GP4 in accordance with BS 7655-1.2
Tape: Polyester Tape
Wire: Tinned copper drain wire
Tape: Metal coated polyester tape
Tape: Polyester Tape
Inner Jacket: Halogen free extruded compound, SW4 in accordance with BS 7655-2.6
Armour: Steel wire braid in accordance with BS 6883
Outer Jacket: Halogen free extruded compound, SW4 in accordance with BS 7655-2.6
Color: Black

CODE of CABLE

- **U-8RW4GT (I); CU/EPR/IS/SW4/GSWB/SW4**

INTRODUCTION

These cables, which are screened against electromagnetic interferences, are used in ship and sea vehicles for telecommunication and signal applications.

SECTION RANGE

- **From 0.75mm² up to 1mm²**

CONDUCTOR QUANTITY

- **From 1 core up to 37 cores**

COLOUR CODE of CABLE

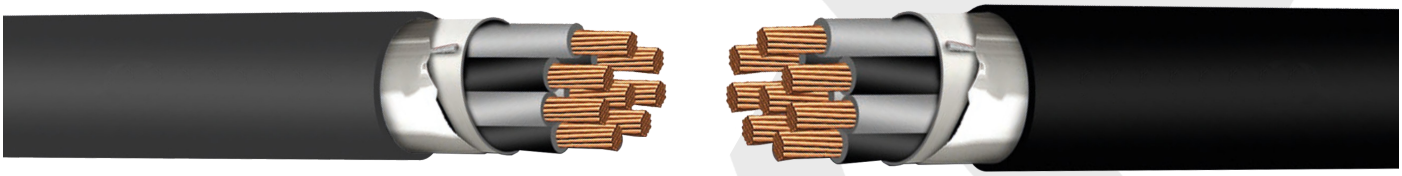
- Insulation Colours code could be according to the International Standards or customer's request/demand.
  * **Other colours can be produced upon the customer requests.**

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.

DEMKA
single source for all electrical needs

CU/EPR/OS/SW4



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: BS 6883, 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: Tinned stranded copper in accordance with IEC 60228 CL2, CL5

Insulation: Ethylene Propylene Rubber (EPR), GP4 in accordance with BS 7655-1.2

Tape: Polyester Tape

Wire: Tinned copper drain wire

Tape: Metal coated polyester tape

Outer Jacket: Halogen free extruded compound, SW4 in accordance with BS 7655-2.6

Color: Black

CODE of CABLE

- **U-8RW4T (C); CU/EPR/OS/SW4**

INTRODUCTION

These cables are used in ship and sea vehicles for telecommunication and signal applications, screened against electromagnetic interferences

SECTION RANGE

- **From 0.75mm² up to 1mm²**

CONDUCTOR QUANTITY

- **From 3 cores up to 37 cores**

COLOUR CODE of CABLE

- Insulation Colours code could be according to the International Standards or customer's request/demand.

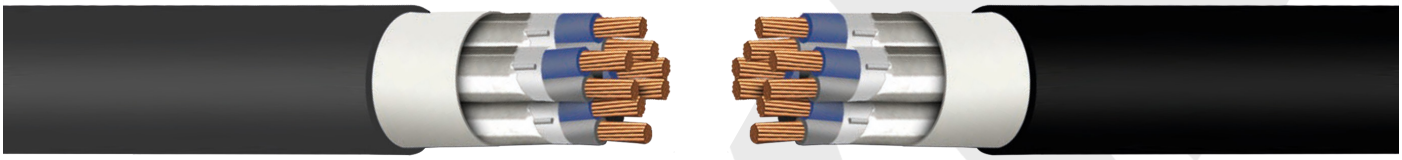
  * **Other colours can be produced upon the customer requests.**

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.

DEMKA
single source for all electrical needs

CU/EPR/IS/SW4



TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 250V
- Production Standard: BS 6883, 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: Tinned stranded copper in accordance with IEC 60228 CL2, CL5
Insulation: Ethylene Propylene Rubber (EPR), GP4 in accordance with BS 7655-1.2
Tape: Polyester Tape
Wire: Tinned copper drain wire
Tape: Metal coated polyester tape
Tape: Polyester Tape
Outer Jacket: Halogen free extruded compound, SW4 in accordance with BS 7655-2.6
Color: Black

CODE of CABLE

- **U-8RW4T (I); CU/EPR/IS/SW4**

INTRODUCTION

These cables, which are screened against electromagnetic interferences, are used in ship and sea vehicles for telecommunication and signal applications.

SECTION RANGE

- **From 0.75mm² up to 1mm²**

CONDUCTOR QUANTITY

- **From 1 core up to 37 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.