



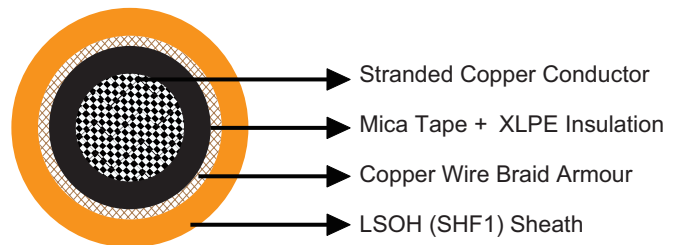
### **MF300 0.6/1 kV Mica Tape + XLPE Insulated, LSOH (SHF1) Sheathed, Armoured Fire Resistant Power & Control Cables (Single Core)**

#### **Application**

These armoured fire resistant cables are used on board of ships in all locations for fixed installations where cable protection is required. These cables are fire resistant, flame retardant, low smoke & halogen free.

#### **Standards**

- IEC 60092-350/351/353/359
- IEC 60331-21
- IEC 60332-1
- IEC 60332-3-22
- IEC 60754-1/2
- IEC 61034



#### **Construction**

- Conductors: Class 2 stranded copper conductor. Class 5 stranded conductors can be offered upon request.
- Insulation: Mica tape + XLPE.
- Armour: Copper wire braid.
- Outer Sheath: LSOH (SHF1). SHF2 can be offered upon request.

#### **Core Identification**

Single core: Black.



### Mechanical and Thermal Properties

Bending Radius for Fixed Installations:  $6 \times OD$

Temperature Range:  $-30^{\circ}C \sim +80^{\circ}C$

### Dimensions and Weight

**MFX300 1mRMZ1-R Single Core Armoured 0.6/1kV (-R stands for class 2 conductor. For class 5 conductor, please change -R to -F)**

Part No.	Construction No. of cores $\times$ Cross section(mm <sup>2</sup> )	Nominal Insulation Thickness mm	Nominal Sheath Thickness mm	Nominal Overall Diameter mm	Nominal Weight kg/km
MFX300-1mRMZ1-R-1C25	1 $\times$ 25	0.9	1.2	13.0	410
MFX300-1mRMZ1-R-1C35	1 $\times$ 35	0.9	1.2	14.6	550
MFX300-1mRMZ1-R-1C50	1 $\times$ 50	1.0	1.3	15.8	720
MFX300-1mRMZ1-R-1C70	1 $\times$ 70	1.1	1.4	17.8	960
MFX300-1mRMZ1-R-1C95	1 $\times$ 95	1.1	1.4	20.7	1250
MFX300-1mRMZ1-R-1C120	1 $\times$ 120	1.2	1.5	22.8	1540

