



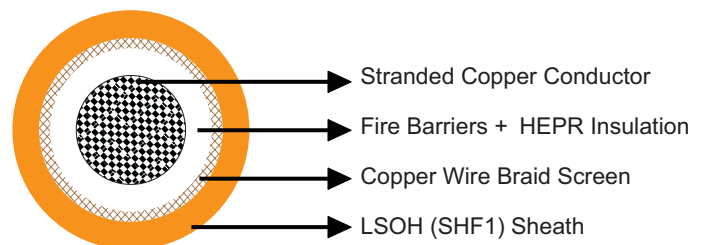
MF300 0.6/1 kV Fire Barriers + HEPR Insulated, LSOH (SHF1) Sheathed, Screened Fire Resistant Power & Control Cables (Single Core)

Application

These cables are used for fixed installations on ships and offshore units in all locations and on open deck in safety circuits, where fire resistance is required. The good screening qualities of the copper braid also reduce radio interference and electrical influences to electronics installations. These cables are fire resistant, flame retardant, low smoke & halogen free.

Standards

- DIN 89160/98
- IEC 60092-353
- IEC 60331-21
- IEC 60332-1
- IEC 60332-3-22
- IEC 60754-1/2
- IEC 61034



Construction

- Conductors: Class 2 stranded copper conductor.
- Insulation: Fire barriers + HEPR.
- Overall Screen: Copper wire braid.
- Outer Sheath: LSOH (SHF1).

Core Identification

Single core: Natural colour (beige).



Mechanical and Thermal Properties

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

Temperature Range: $-20^{\circ}\text{C} \sim +75^{\circ}\text{C}$

Dimensions and Weight

Part No.	Construction No. of cores \times Cross section (mm^2)	Nominal Insulation Thickness mm	Nominal Sheath Thickness mm	Nominal Overall Diameter mm	Nominal Weight kg/km
MFX300-1mG7MZ1-R-1C25	1 \times 25	0.9	1.2	12.5	380
MFX300-1mG7MZ1-R-1C35	1 \times 35	0.9	1.2	13.5	480
MFX300-1mG7MZ1-R-1C50	1 \times 50	1.0	1.3	15.5	670
MFX300-1mG7MZ1-R-1C70	1 \times 70	1.1	1.4	17.5	900
MFX300-1mG7MZ1-R-1C95	1 \times 95	1.1	1.4	19.5	1170
MFX300-1mG7MZ1-R-1C120	1 \times 120	1.6	1.5	21.0	1430

