



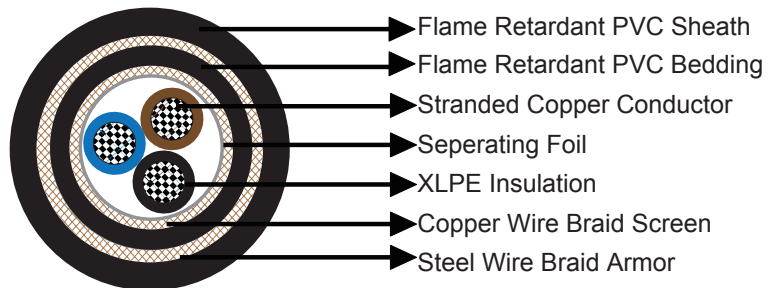
M2XCYSY 0.6/1 kV XLPE Insulated, PVC Sheathed Armored Flame Retardant Power & Control Cables (Multicore)

Application

These cables are used as fixed installation cables in various electromechanical and electronic equipments of marine vehicle. Usable at all conditions in marine environment such as dry, wet or oily locations. The copper overall screen can reduce the electromagnetic interference. Galvanized steel wire braided shield provides protection against mechanical stress and rodents. Due to its' flame retardant feature, it prevents the fire from spreading around. Thus it protects human life and equipment, during a fire.

Standards

- IEC 60092 /350-351-359
- IEC 60092-353
- IEC 60332-1
- IEC 60332-3



Construction

- Conductors: Class 2 stranded copper conductor. (Class 5 is upon request)
- Insulation: Halogen-free, flame retardant, cross linked polyethylene compound.
- Separator: Separating foil.
- Overall Screen: Copper wire braided
- Bedding: Flame retardant and oil resistant PVC based compound (ST2).
- Armor: Galvanized steel wire braided
- Outer Sheath: Flame retardant and oil resistant PVC based compound (ST2).
Black or grey.

Mechanical and Thermal Properties

Bending Radius for Fixed Installations: $6 \times OD$
Temperature Range: $-20^{\circ}\text{C} \sim +90^{\circ}\text{C}$





IEC Standard Caledonian Offshore & Marine Cables

MariTox Marine Flame Retardant Power & Control Cables

www.caledonian-cables.co.uk

Dimensions and Weight

Part No.	Construction No. of cores×Cross section(mm ²)	Nominal Insulation Thickness mm	Nominal Bedding Thickness mm	Nominal Sheath Thickness mm	Nominal Overall Diameter mm	Nominal Weight kg/km
M2XCYSY-2C1.0	2×1.0	0.7	1.0	1.1	12.4	310
M2XCYSY-4C1.0	4×1.0	0.7	1.0	1.1	13.8	390