



Caledonian

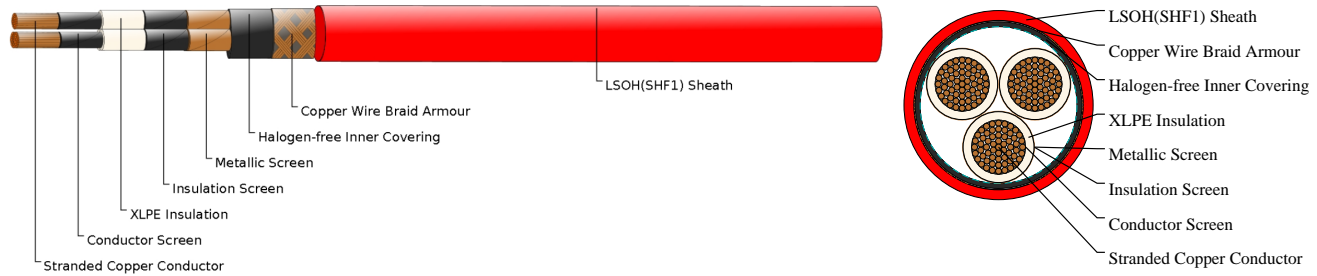
IEC60092 Offshore & Marine Cables

www.caledonian-cables.com

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TFOI/TFOU (MTX) 6/10KV XLPE Insulated, LSOH (SHF1) Sheathed, Armoured Flame Retardant MV Power Cables (Halogen Free Inner Covering)

MTX-6/10KV-RMZ1-3C240



APPLICATIONS

These armoured MV cables are used on board of ships in all locations for fixed installations complying with IEC standards 60092-352. These cables are flame retardant, low smoke & halogen free.

STANDARDS

IEC 60092-350/354/360

IEC 60332-1

IEC 60332-3-22

IEC 60754-1/2

IEC 61034

CABLE CONSTRUCTION

Conductors: Class 2 stranded copper conductor.

Conductor Screen: Semi-conducting layer (tape/compound).

Insulation: XLPE.

Insulation Screen: Semi-conducting layer (tape/compound).

Metallic Screen: Copper tape.

Inner Covering: Halogen free compound.

Armour: Copper wire braid.

Outer Sheath: LSOH (SHF1). SHF2 can be offered upon request.

COLOUR CODE

Coloured tape shall be inserted under metallic screen.

3core: Red, Yellow, Blue / Brown, Blue, Black

PHYSICAL AND THERMAL PROPERTIES

Bending Radius for Fixed Installations: $9 \times OD$

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

DIMENSION AND PARAMETERS



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| Caledonian Cable Code | Number x Nominal Diameter of Wire | Nominal Insulation Thickness | Nominal Sheath Thickness | Nom. Overall Diameter | Approx. Weight |
|-----------------------|-----------------------------------|------------------------------|--------------------------|-----------------------|----------------|
| | n x mm | mm | mm | mm | kg/km |
| MTX-6/10KV-RMZ1-3C240 | 3×240 | 3.4 | 3.7 | 79.2 | 11570 |