



Caledonian

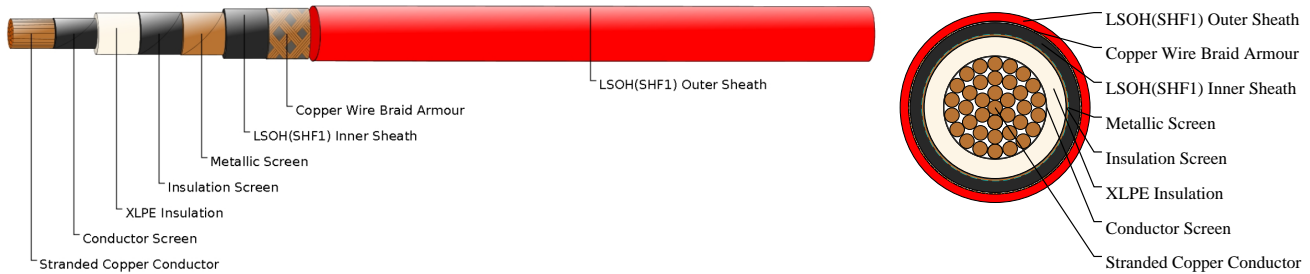
IEC60092 Offshore & Marine Cables

www.caledonian-cables.com

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

MTX-6/10KV-RZ1MZ1-1C150



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 Sheath: LSOH (SHF1).

Armour: Copper wire braid or galvanized steel wire braid.

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

PHYSICAL AND THERMAL PROPERTIES

Bending Radius for Fixed Installations: 12×OD

Temperature Range: -30°C ~ +80°C

DIMENSION AND PARAMETERS

| Caledonian Cable Code | Number x Nominal Diameter of Wire | Nominal Insulation Thickness | Nominal Inner Sheath Thickness | Nominal Outer Sheath Thickness | Nom. Overall Diameter | Approx. Weight |
|-----------------------|-----------------------------------|------------------------------|--------------------------------|--------------------------------|-----------------------|----------------|
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| | n x mm | mm | mm | mm | mm | kg/km |
|-----------------------------|--------|-----|-----|-----|------|-------|
| MTX-6/10KV- RZ1MZ1-1C150 | 1×150 | 3.4 | 1.8 | 1.4 | 34.4 | 2470 |