



Caledonian

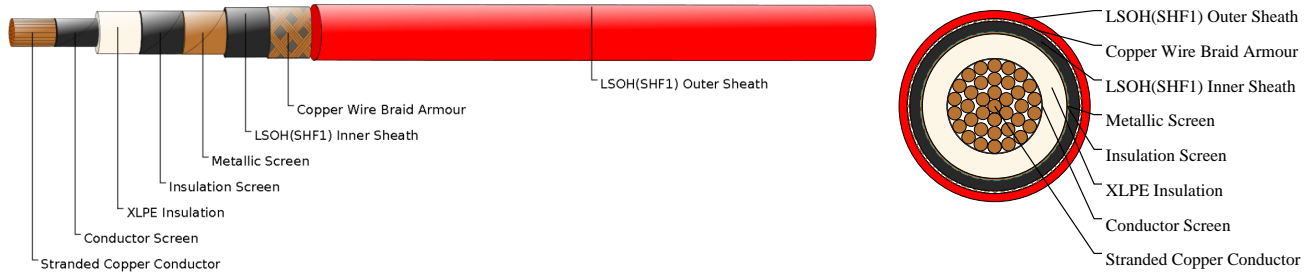
IEC60092 Offshore & Marine Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

TFOI/TFOU (MTX) 8.7/15KV XLPE Insulated, LSOH (SHF1) Sheathed, Armoured Flame Retardant MV Power Cables (SHF1 Inner Sheath)

MTX-8.7/15KV-RZ1MZ1-1C185



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 |
|-----------------------|-----------------------------------|------------------------------|--------------------------------|--------------------------------|-----------------------|----------------|
| | | | | | | |



Caledonian

IEC60092 Offshore & Marine Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

| | n x mm | mm | mm | mm | mm | kg/km |
|-------------------------------|--------|-----|----|-----|------|-------|
| MTX-8.7/15KV- RZ1MZ1-1C185 | 1×185 | 4.5 | 2 | 1.5 | 39.5 | 3200 |