



# Caledonian

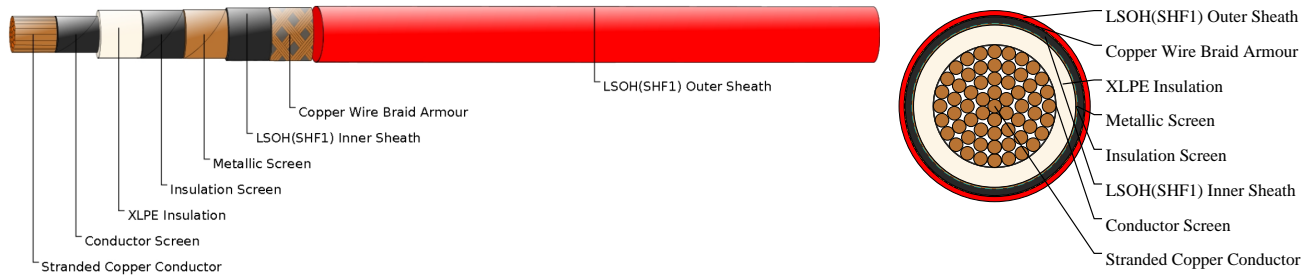
IEC60092 Offshore & Marine Cables

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-RZ1MZ1-1C50



### 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](http://www.caledonian-cables.com)

[marketing@caledonian-cables.com](mailto:marketing@caledonian-cables.com)

	n x mm	mm	mm	mm	mm	kg/km
MTX-8.7/15KV- RZ1MZ1-1C50	1×50	4.5	1.7	1.3	29.3	1370