Caledonian

IEC60092 Offshore & Marine Cables

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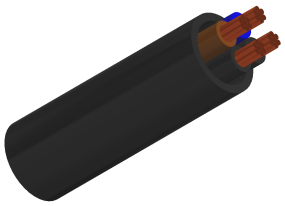
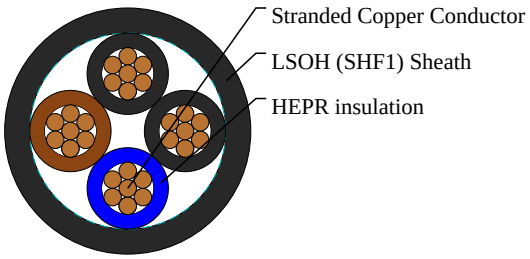
RI/RU (MTX400) 0.6/1 kV HEPR Insulated, LSOH (SHF1) Sheathed Flame Retardant Power & Control Cables (Multicore)

MTX400-1G7Z1-R-4C4





APPLICATIONS

These cables are used for fixed installations on ships and offshore units in all locations.These cables are flame retardant, low smoke & halogen free.

STANDARDS

DIN 89160/98
IEC 60092-353
IEC 60332-1
IEC 60332-3-22
IEC 60754-1/2
IEC 61034

CABLE CONSTRUCTION

Conductors: Class 2 stranded copper conductor.
Insulation: HEPR.
Outer Sheath: LSOH (SHF1).

COLOUR CODE

Two cores: Black, Blue.
Three cores: Black, Blue, Brown.
Four cores: Black, Blue, Brown, Black.
Five cores: Black, Blue, Brown, Black, Black.
Multi cores: All cores natural coloured, printed with numbers, starting in center with number 1.
Cables with 3 cores and more also with green/yellow core (has to be stated in order).

PHYSICAL AND THERMAL PROPERTIES

Bending Radius for Fixed Installations: 6×OD (OD>25mm); 4×OD (OD ≤25mm)
Temperature Range: -20℃ ~ +75℃

DIMENSION AND PARAMETERS

No. of Cores × Cross-sectional Area	Nominal Insulation Thickness	Nominal Sheath Thickness	Approx. Overall Diameter	Approx. Weight
No.×mm²	mm	mm	mm	kg/km
4X4	0.7	1.2	12.3	330