Caledonian Order Code

MariTox Marine Flame Retardant Medium Voltage Cables

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MTX-A-B C D E-FCG
A Voltage
B Insulation
R: XLPE
C Inner Sheath
Blank: No Inner Sheath
Z1: LSOH
D Armour
Blank: Unarmoured
M: Armoured
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MariTox Marine Flame Retardant Power & Control Cables

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MTXA-B C D E-F-GCH
A Type
300: Single Core
400: Multicore
B Voltage
1: 600/1000V
C Insulation
R: XLPE
G7: HEPR
D Armour/Screen
Blank: Unarmoured/Unscreen
M: Armoured/Screened
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G Cross Section of Conductor
F Number of Cores
E Outer Sheath
Z1: LSOH
D Armour/Screen
Blank: Unarmoured
M: Armoured
```
MariFlex Marine Fire Resistant Power & Control Cables

MFXA-B C D E-F-GCH

A Type
300: Single Core
400: Multicore

B Voltage
1: 600/1000V

C Insulation
mR: Mica Tape+XLPE
mG7: Fire Barriers+HEPR

D Armour/Screen
Blank: Unarmoured/Unscreened
M: Armoured/Screened

MariSig Flame Retardant Instrumentation & Control Cables

MRE-A B C D E F-G H I

A Insulation
2X: XLPE
3G: HEPR

B Screen/Armour
(St): Al/polyester Tape
C: Copper Wire Braid

C Inner Sheath
Blank: No Inner Sheath
H: LSOH

D Armour
C: Copper Wire Braid

E Outer Sheath
H: LSOH

H Cross Section of Conductor

G Number of Cores

F Conductor
R: Stranded to IEC 60228 class 2
F: Stranded to IEC 60228 class 5

E Sheath
Z1:LSOH
MariSig Fire Resistant Instrumentation & Control Cables

A Insulation
M2X: Mica Tape+XLPE
M3G: Mica Tape+HEPR

B Screen/Armour
(St): Al/polyester Tape
C: Copper Wire Braid

C Sheath
H: LSOH

D Individual Screen Type
PiMF - Pairs shielded with aluminium/polyester tape
TiMF - Triple shielded with aluminium/polyester tape

MariLan Marine Lan Data & Communication Cables

LAN CABLE

A Screen Type
S/FTP: Individual Al/polyester tape screen & overall tinned copper wire braid
SF/UTP: Overall Al/polyester tape screen & tinned copper wire braid
F/UTP: Overall Al/polyester tape screen
U/FTP: Individual Al/polyester tape screen

B Category
CAT5E
CAT6
CAT7

COAXIAL CABLE

A Cable Type
BUS CABLE

MLN-A B C D E F-G×2×H

A Insulation
02YS: Foam Skin PE
02Y: Foam PE
09YS: Foam Skin PP

B Inner Sheath
Blank: No Inner Sheath
H: LSOH

C Screen/Armour
(St): Al/polyester Tape
C: Copper Wire Braid

D Intermediate Sheath
Blank: No Intermediate Sheath
H: LSOH

H Cross Section of Conductor
22A: 22AWG
0.35: 0.35mm²
21A: 21AWG

G Number of Elements

F Outer Sheath
H: LSOH

E Armour
SWB: Galvanised Steel Wire Braid

OPTICAL FIBER CABLE

MLN-BTA-X-N-H-F-H-CD-A
Semi-tight buffered (CD) breakout cable (BT) with halogen free & flame-retardant subcable sheath (H), FRP central member (F), SHF1 sheath (H) and aramid strain relief elements.

MLN-MTA-X-N-H-F-H-CD/VT-A
Semi tight buffered (CD) or tight buffered (VT) distribution cable (MT) with halogen free & flame-retardant subcable sheath (H), FRP central member (F), SHF1 sheath (H) and aramid strain relief elements.

MLN-MTA-X-N-H-VT-G
Tight buffered (VT) distribution cable (MT) with LSOH & FR compound sheath (H) and fiberglass yarn reinforcing elements (G).

MLN-CLA-X-N-H-J-G
Central loose tube cable (CL) with water blocking gel in tubes (J), LSOH & FR compound sheath (H) and fiberglass yarn reinforcing elements (G).

MLN-FCLA-X-N-H-J
Fire resistant (F) central loose tube cable (CL) with water blocking gel in tubes (J) and SHF1 sheath (H).

X: Fiber type (0=Fiber and copper conductors in cable 4=50/125 multi-mode fiber (OM3); 5=50/125 multi-mode fiber (OM2); 6=50/125 multi-mode fiber (OM1); 7=NZDS SM fiber per G.656.; 8=NZDS SM fiber per G.655.; 9=Standard SM fiber per G.652.D). N: No. of Fibers.