



### CONTACT

Market information  
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### CONTROL cables with screen

#### STANDARDS

Product IEC 60228

Installation IEC 60092-350; IEC 60092-360; IEC 60092-376

Test a; IEC 60332-1; IEC 60332-3-22; IEC 60754-1; IEC 61034

#### APPLICATION

MPRXCX® type is used on board of ships for fixed installations complying with IEC 60092-352.

The good screening qualities of the braid also reduce radio interference and electrical influences to electronic installations. MPRXCX® type withstands IEC 60332-3-22 fire test on bunched cables and performs to the SOLAS requirements.

All materials used to manufacture this cable are halogen-free. This design ensures that non corrosive and low toxic gases are emitted in case of fire. Therefore, this cable type is especially designed for installations on passenger ships.

#### Design

1. Conductor  
Stranded bare copper, class 2
2. Insulation  
XLPE (cross-linked polyethylene)
3. Inner covering  
(Filler, if necessary)  
Lapped
5. Armour  
Bare copper braid
6. Outer Sheath  
Polyolefin SHF1  
Colour: grey

Example of marking:

LYNXEO 279 MPRXCX Nber of cores & cross-section 150/250V 90C

IEC 60092-376 IEC 60332-3-22 Cat.A WW YYYY \*CE\* Manufacturing n° + metric marking

Core Identification

White with printed numbers



无卤  
IEC 60754-1



额定电压U<sub>0</sub>/U  
150 / 250 (300) V



阻燃  
EN IEC 60332-3-22  
(cat A)



阻燃 - 火焰  
IEC 60332-1



烟密度  
IEC 61034



气体腐蚀性  
低 IEC 60754-2



抗电磁干扰  
是



操作温度  
-30 ... 80 ° C

## CHARACTERISTICS

## 结构特性

无卤

IEC 60754-1

## 尺寸特性

导线截面

0.75 mm<sup>2</sup>

## 电气特性

额定电压U<sub>0</sub>/U

150 / 250 (300) V

## 使用特性

阻燃

EN IEC 60332-3-22 (cat A)

阻燃 - 火焰

IEC 60332-1

烟密度

IEC 61034

气体腐蚀性

低 IEC 60754-2

抗电磁干扰

是

操作温度范围

-30 ... 80 ° C

芯线最高静止温度

90 ° C

## PRODUCTS LIST

Reference	Nb. of cores	Min. outer diam. [mm]	Nom. outer diam. [mm]	Max. outer diam. [mm]	Approx. weight [kg/km]
10193614	2	7.0	7.5	8.0	73
10193615	3	7.3	7.8	8.3	85
10210938	5	8.5	9.2	9.8	119
10193620	7	9.0	9.7	10.4	142
10199123	12	11.4	12.3	13.1	217
10202495	19	13.7	14.7	15.7	339
10237547	37	17.8	19.1	20.4	570



无卤  
IEC 60754-1



额定电压U<sub>0</sub>/U  
150 / 250 (300) V



阻燃  
EN IEC 60332-3-22  
(cat A)



阻燃 - 火焰  
IEC 60332-1



烟密度  
IEC 61034



气体腐蚀性  
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抗电磁干扰  
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操作温度  
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OTHER CHARACTERISTICS

Test Voltage  
AC between  
cores.....  
. 1.5 kV

Minimum bending radius for fixed installations..... 4 x outer diameter