



### CONTACT

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### CONTROL cables without 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

MPRX® cable type is used on board of ships for fixed installations, not subject to mechanical risk, complying with IEC 60092-352.

MPRX® 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, as on other commercial vessels.

#### Design

1. Conductor  
Stranded bare copper, class 2
2. Insulation  
XLPE (cross-linked polyethylene)
3. Outer sheath  
(Filler, if necessary)  
Polyolefin SHF1  
Colour : grey

Example of marking:

LYNXEO 279 MPRX Nbr 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



操作温度  
-30 ... 80 ° C



芯线最高静止温度  
90 ° 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
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]
10193582	2	5.9	6.3	6.7	40
10193583	3	6.2	6.6	7.1	50
10193616	5	7.6	8.2	8.8	76
10193617	7	7.8	8.4	9.0	94
10193618	12	10.3	11.1	11.9	158
10193619	19	12.2	13.1	14.0	236
10237546	27	14.5	15.6	16.7	328

## OTHER CHARACTERISTICS

Test Voltage

AC between

cores.....

. 1.5 kV

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