



Reference: 10237546

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



导线柔软度
绞和等级2



无卤
IEC 60754-1



额定电压U₀/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

CHARACTERISTICS

结构特性

导体材料	裸铜线
导线柔软度	绞和等级2
导体形状	圆形
绝缘	XLPE (Cross-linked Polyethylene)
填充物/内护套材料	如需填充物
外护套	聚烯烃
无卤	IEC 60754-1
护套颜色	灰
有绿/黄芯线	无

尺寸特性

芯线数	27
导线截面	0.75 mm ²
外径最小值	14.5 mm
Maximum outer diameter	16.7 mm
近似重量	328 kg/km
标称外径	15.6 mm

电气特性

露天允许通过的额定电流	- A
20° C时导体的最大直流电阻	- Ohm/km
允许通过的短路电流	0.2 kA
额定电压U ₀ /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

OTHER CHARACTERISTICS

Test Voltage

AC between

cores.....

. 1.5 kV

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