



Reference: 10237546

CONTACT

Market information
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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



Conductor flexibility

2



Halogen free
IEC 60754 - 1



Uo/U
(Um)
150 / 250 (300) V



Fire retardant
EN IEC
60332 - 3 - 22 (cat
A)



IEC 60332 - 1



IEC 61034



Gases corrosivity
IEC 60754 - 2



Operating temp.
-30 ... 80 ° C

CHARACTERISTICS

Conductor flexibility	2
Conductor shape	
Material of filler / inner sheath	XLPE(가)
Halogen free	IEC 60754 - 1
Sheath colour	
With Green/Yellow core	
	27
	0.75 mm ²
Minimum outer diameter	14.5 mm
Maximum outer diameter	16.7 mm
()	328 kg/km
Nominal outer diameter	15.6 mm
Permissible current rating in open air	- A
20 ° C DC	- Ohm/km
Permissible short circuit current	0.2 kA
U _o /U (U _m)	150 / 250 (300) V
Fire retardant	EN IEC 60332 - 3 - 22 (cat A)
	IEC 60332 - 1
	IEC 61034
Gases corrosivity	IEC 60754 - 2
操作度范	- 30 ... 80 ° C
Max. conductor temperature in service	90 ° C

OTHER CHARACTERISTICS

Test Voltage	
AC between cores.....	1.5 kV
Minimum bending radius for fixed installations.....	4 x outer diameter