



CONTACT

Market information
industryprojects.business@lynxéogroup.com

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



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



Electro magnetic
interference
resistance
Yes



Operating temp.
- 30 ... 80 ° C

CHARACTERISTICS

Halogen free	IEC 60754 - 1
	0.75 mm ²
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
Electro magnetic interference resistance	Yes
操作度范	- 30 ... 80 ° C
Max. conductor temperature in service	90 ° C

PRODUCTS LIST

Reference	Nb. of cores	Min. outer diam. [mm]	Nom. outer diam. [mm]	Max. outer diam. [mm]	() [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



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



Electro magnetic
interference
resistance
Yes



Operating temp.
- 30 ... 80 ° C

OTHER CHARACTERISTICS

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

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