



### CONTACT

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## POWER CABLES with screen

### STANDARDS

**Product** IEC 60228

**Installation** IEC 60092-350; IEC 60092-353; IEC 60092-360

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

### APPLICATION

MPRXCX® FLEXISHIP® 1.8/3 kV armoured power cables are used for equipment in medium voltage areas where enhanced mechanical protection and electrical screening (EMC) is required. These products are recommended for installations and connections in narrow spaces where an optimal bending radius is required. Designed with halogen-free fire retardant materials, they provide optimum safety for people and maximal asset protection against all risks of fire.

### Design

1. **Conductor**  
Flexible bare copper, class 5
2. **Insulation**  
XLPE (cross-linked polyethylene)
3. **Inner covering**  
Lapped or extruded
4. **Armouring**  
Bare copper braid
5. **Outer sheath**  
Polyolefin SHF1  
Colour: red

### Marking

LYNXEO 279 MPRXCX FLEXISHIP 1.8/3 kV "n" x "s" mm<sup>2</sup> 90°C IEC 60092-353 IEC 60332-3-22 Cat.A "ww/yy" + metric marking

### Core Identification

by colour: black-brown-grey



Halogen free  
-



Rated Voltage U<sub>o</sub>/U  
(U<sub>m</sub>)  
-



Flame retardant  
IEC 60332-1



Fire retardant  
-



Smoke density  
-



Gases corrosivity  
IEC 60754-2



Operating temp.  
-30 ... 80 °C



Electro magnetic  
interference  
resistance  
-

### CHARACTERISTICS

#### Construction characteristics

Conductor material	-
Type of conductor	-
Insulation	-
Inner sheath	-
Armour type	-
Outer sheath	-
Halogen free	-
Sheath colour	-

#### Dimensional characteristics

Number of cores	-
Conductor cross-section	- mm <sup>2</sup>
Minimum outer diameter	- mm
Maximum outer diameter	- mm
Approximate weight	- kg/km

#### Electrical characteristics

Rated Voltage U <sub>0</sub> /U (U <sub>m</sub> )	-
Permissible current rating in open air	- A

#### Usage characteristics

Flame retardant	IEC 60332-1
Fire retardant	-
Smoke density	-
Gases corrosivity	IEC 60754-2
Operating temperature, range	-30 ... 80 °C
Electro magnetic interference resistance	-



Halogen free  
-



Rated Voltage U<sub>0</sub>/U (U<sub>m</sub>)  
-



Flame retardant  
IEC 60332-1



Fire retardant  
-



Smoke density  
-



Gases corrosivity  
IEC 60754-2



Operating temp.  
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Electro magnetic  
interference  
resistance  
-