

### CONTACT

Market information  
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ogroup.com

- Telecommunication cables
- 0.6/1(1.2)kV
- Armoured
- Low smoke, zero halogen (LSZH)

### STANDARDS

Test IEC 60332-3-24; NF C32-070/C1

### DESIGN

- **Conductor:** Stranded plain copper (class 2)
- **Insulation:** Cross-linked Polyethylene (XLPE)
- **Assembling:** An inner sheath acting as a filler
- **Inner sheath:** Low smoke, zero halogen (LSZH)
- **Armour:** Galvanized steel wires
- **Outer sheath:** Low smoke, zero halogen (LSZH)

### Marking

LYNXEO 279 - XLPE/LSZH/SWA/LSZH - 0,6/1 kV - Nb of cores & cross-section - Cu - MM  
YYYY - B2ca-s1a, d1, a1 - Manufacturing N° + metric marking

### Core identification

2x: light blue - brown



Halogen free  
IEC 60754-1



Mechanical resistance  
to impacts  
Good



Operating temp.  
-20 ... 60 °C



Gases corrosivity  
IEC 60754-2



Smoke density  
IEC 61034-2



Max. conductor temp. in  
service  
90 °C



Fire retardant  
NF C 32-070 C1, IEC  
60332-3-24 (cat.C)

## CHARACTERISTICS

### Construction characteristics

Conductor material	Plain copper
Type of conductor	Stranded, class 2
Insulation	XLPE (Cross-linked Polyethylene)
Inner sheath	LSZH
Armour type	Galvanized steel wires
Outer sheath	LSZH compound
Halogen free	IEC 60754-1

### Dimensional characteristics

Number of cores	2
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### Mechanical characteristics

Mechanical resistance to impacts	Good
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### Usage characteristics

Operating temperature, range	-20 ... 60 °C
Gases corrosivity	IEC 60754-2
Smoke density	IEC 61034-2
Max. conductor temperature in service	90 °C
Fire retardant	NF C 32-070 C1, IEC 60332-3-24 (cat.C)

## PRODUCT LIST

Reference	Country Ref.	Name	Conductor cross-section [mm <sup>2</sup> ]
☎ 13110146	-	CU/XLPE/LSZH/SWA/LSZH 0.6/1(1.2)kV 2x16 B2ca-s1a, d1, a1	16
☎ 13110147	-	CU/XLPE/LSZH/SWA/LSZH 0.6/1(1.2)kV 2x25 B2ca-s1a, d1, a1	25

☎ = Make to order, 🏠 = In stock,