

Reference: 13110147  
EAN 13: 3427580849565

**FIRE PERFORMANCE  
CLASS**

B2ca-s1a,d1,a1

**CONTACT**

Market information  
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- 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
Conductor cross-section	25 mm <sup>2</sup>
Approximate weight	1645 kg/km
Maximum outer diameter	28.4 mm
Minimum outer diameter	24.6 mm

**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)