

Reference: 10279858
 EAN 13: 3427580820533

FIRE PERFORMANCE CLASS



B2ca-s1a,d0,a1

CONTACT

Market information
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Medium voltage railway (coaxial) cable

STANDARDS

Product EN 50575; IEC 60228

Test IEC 60840

APPLICATION

Medium voltage coaxial cables intended for wiring 25 kV and 2x25 kV circuits in substations and electrical traction substations, excluding tunnels and public places.

DESIGN

- 1. Conductor**
Aluminium class 2 according to IEC 60228
Separator (optional)
- 2. Extruded semi-conductor**
- 3. Insulation**
Cross-linked polyethylene (XLPE)
- 4. Extruded semi-conductor**
- 5. Swelling tape**
- 6. Screen**
Copper wires with copper tape
- 7. Filling**
- 8. Outer sheath**
Polyolefin without halogen (ST8)
Color: black

Example of marking:
 FEEDER 1x240/70 Alu 26/45kV B2ca -LYNXEO 269 YY-MM xxx m



Halogen free
 IEC 60754-1



Flame retardant
 IEC 60332-1-2



Smoke density
 IEC 61034-2



Max. conductor temp. in service
 90 °C



Operating temp.
 -20 ... 60 °C



Gases corrosivity
 IEC 60754-2



U.V resistance
 Good

CHARACTERISTICS

Construction characteristics

| | |
|--------------------|----------------------------------|
| Conductor material | Aluminum |
| Type of conductor | Class 2 |
| Insulation | XLPE (Cross-linked Polyethylene) |
| Outer sheath | Halogen free polyolefin |
| Sheath colour | Black |
| Halogen free | IEC 60754-1 |

Dimensional characteristics

| | |
|-------------------------|---------------------|
| Conductor cross-section | 240 mm ² |
| Minimum outer diameter | 49.7 mm |
| Maximum outer diameter | 55.0 mm |
| Approximate weight | 3339 kg/km |

Usage characteristics

| | |
|---------------------------------------|---------------|
| Flame retardant | IEC 60332-1-2 |
| Smoke density | IEC 61034-2 |
| Max. conductor temperature in service | 90 °C |
| Operating temperature, range | -20 ... 60 °C |
| Gases corrosivity | IEC 60754-2 |
| U.V resistance | Good |



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