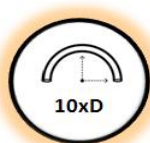
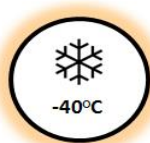
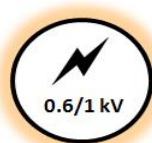




## Cablu de energie cu izolatie de XLPE, conductor concentric din aluminiu si manta de PVC

## XLPE-insulated power cable with aluminium concentric conductor and PVC sheath



**Standard de fabricatie:** ST 126  
**Tensiune nominala U<sub>0</sub>/U:** 0.6/1 kV

### Domeniul de utilizare

Cablurile sunt utilizate pentru realizarea de bransamente monofazate pentru tensiuni U<sub>0</sub>/U : 0.6/1 kV

Cablurile se monteaza pe stalpi si pe fatadele cladirilor

\* Cablurile sunt cu rezistenta la UV

**Temperatura cond in functionarea de durata:** +90°C

**Temperatura max. a cond in scurtcircuit:** +250°C

**Temperatura minima a cablului (masurata pe manta)**

- la montaj: -5°C
- in exploatare: -40°C

### Conductor de faza din aluminiu

Conductor unifilar (ru), multifilar (rm); SR EN 60228

### Izolatie

Polietilena reticulata (XLPE)

### Conductor de nul din aluminiu

Conductor multifilar (rm)

### Manta:

PVC

Aceste cabluri sunt cu rezistenta la propagarea flacarii; incercare conf. SR EN 60332-1-2

### Marcaj pe manta

SC ELECTROPLAST SA, simbol cablu, tensiune de lucru, an de fabricatie, marcare lungime

### Raza minima de curbura la instalare

10 x diametrul cablului

### Cod de culori

- 1 conductor: negru

**Production standard:** ST 126  
**Rated voltage U<sub>0</sub>/U:** 0.6/1 kV

### Applicability

Monophase connections for U<sub>0</sub>/U voltages of 0.6/1 kV.

Installed on poles and attached to building fronts.

\* UV resistant cables

**Conductor temperature in long-run operation:** +90°C

**Conductor max. temperature during short-circuit:** +250°C

**Minimum cable temperature (measured on the sheath surface)**

- during installation: -5°C
- in operation: -40°C

### Aluminum phase conductor

Solid conductor (ru), concentrically stranded conductor (rm), SR EN 60228.

### Insulation

Polietilena reticulata (XLPE)

### Concentric aluminum screen

Multiwire (rm)

### Sheath:

PVC

Flame retardant cables, test according to SR EN 60332-1-2

### Sheath marking

SC ELECTROPLAST SA, cable symbol, operational voltage, manufacture year, length marking

### Min. bending radius at installation :

10 x cable diameter

### Color coding :

- 1 conductor: black

# ACB2XCY



**Cablu de energie cu izolatie de XLPE, conductor concentric din aluminiu si manta de PVC**      **XLPE-insulated power cable with aluminium concentric conductor and PVC sheath**

Tipodimensiune cablu	Constructie conductor de faza	Constructie conductor de nul	Grosime radiala izolatia	Grosime radiala manta	Masa cond de faza din aluminiu inf	Diametru exterior nominal	Masa inf
<i>Cable size</i>	<i>Construction of phase conductor</i>	<i>Construction of concentric screen</i>	<i>Radial thickness of insulation</i>	<i>Radial thickness of sheath</i>	<i>Mass of aluminum cond</i>	<i>Nominal outer diameter</i>	<i>Mass inf</i>
			mm	mm	kg/km	mm	kg/km
16/16	7x1.7	22x0.94	1.3	1.8	43.0	13.5	203
16/25	7x1.7	17x1.35	1.3	1.8	43.0	14.0	228
25/25	7x2.14	17x1.35	1.3	1.8	68.0	15.0	266
35/35	7x2.5	15x1.7	1.4	1.8	93.0	16.9	345
36/6/35	7x2.7Al+1x2.7 Ol	15x1.7	1.4	1.8	109	17.2	393
50/8/35	7x3.2Al+1x3.2 Ol	15x1.7	1.4	1.8	153	18.8	469
50/8/50	7x3.2Al+1x3.2 Ol	20x1.7	1.5	1.8	153	19.0	505