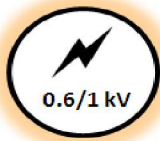


# ACBYCY

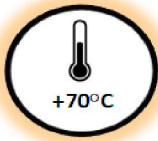


## Cablu de energie cu izolatie de PVC, conductor concentric din aluminiu si manta de PVC

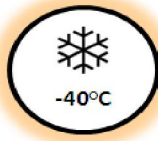
## PVC-insulated power cable with aluminium concentric conductor and PVC sheath



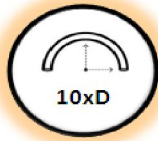
0.6/1 kV



+70°C



-40°C



10xD



UV



MIN -5°C



RoHS  
COMPLIANT

**Standard de fabricatie:** ST 126  
**Tensiune nominala  $U_0/U$ :** 0.6/1 kV

### Domeniul de utilizare

Cablurile sunt utilizate pentru realizarea de bransamente monofazate pentru tensiuni  $U_0/U$ : 0.6/1 kV  
Cablurile se monteaza pe stalpi si pe fatadele cladirilor

**Temperatura cond in functionarea de durata:** +70°C  
**Temperatura max. a cond. in scurtcircuit:** +160°C  
**Temperatura minima a cablului (masurata pe manta)**

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

\* Cablurile sunt cu rezistenta la UV

### Conductor de faza din aluminiu

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

### Izolatie

PVC

### Conductor de nul din aluminiu

Conductor multifilar (rm)

**Purtator de otel zincat:** 7x4x0.28

**Forta de rupere:** 3040 N

### Manta

PVC

Aceste cabluri sunt cu intarziere 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  $U_0/U$ :** 0.6/1 kV

### Applicability

Monophase connections for  $U_0/U$  voltages of 0.6/1 kV.

Installed on poles and attached to building fronts.

**Conductor temperature in long-run operation:** +70°C  
**Cond. max. temperature during short-circuit:** +160°C  
**Minimum cable temperature (measured on the sheath surface)**

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

\* UV resistant cables

### Aluminum phase conductor

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

### Insulation

PVC

### Concentric aluminum screen

Multewire (rm)

**Zinc-plated carrier wire:** 7x4x0.28

**Breaking strength:** 3040 N

### 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

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

**PVC-insulated power cable with aluminium concentric conductor and PVC sheath**

Tipodimensiune cablu	Constructie conductor de faza	Constructie conductor de nul	Grosime radiala izolatie,	Grosime radiala manta	Rezistenta electrica max la 20°C cond/ecran Max. Resistance at 20°C cond/screen	Masa cond de aluminiu inf Mass of aluminum cond	Diametru exterior nominal	Masa inf
<i>Cable size</i>	<i>Construction of phase conductor</i>	<i>Construction of concentric screen</i>	<i>Insulation radial thickness</i>	<i>Sheath radial thickness</i>			<i>Nominal outer diameter</i>	<i>Mass inf</i>
			<i>mm</i>	<i>mm</i>	$\Omega/\text{km}$	$\text{kg}/\text{km}$	$\text{mm}$	$\text{kg}/\text{km}$
10/10	1x3.57	15x0.94	1.5	1.8	3.08/3.08	53	12.0	176
10/16	1x3.57	22x0.94	1.5	1.8	3.08/1.91	67	12.0	189
16/16	7x1.7	22x0.94	1.5	1.8	1.91/1.91	82	13.4	225
16/16	1x4.5	22x0.94	1.5	1.8	1.91/1.91	82	12.9	218
16/25	7x1.7	16x1.35	1.5	1.8	1.91/1.2	103	14.2	254
16/25	1x4.5	16x1.35	1.5	1.8	1.91/1.2	104	13.8	248
25/25	7x2.14	16x1.35	1.5	1.8	1.2/1.2	126	15.3	294