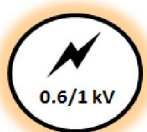


## ACBYCY-A

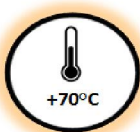


**Cablu de energie cu izolatie de PVC, conductor concentric din aluminiu si manta de PVC**

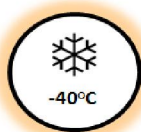
**PVC-insulated power cable with aluminium concentric conductor and PVC sheath**



0.6/1 kV



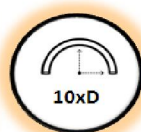
+70°C



-40°C



IEC 60332-1-2



10xD



UV



MIN -5°C



ROHS  
COMPLIANT

**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:**  
+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

### Conductor de faza din aluminiu

Conductor unifilar (ru), 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 de 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:**  
+70°C  
**Conductor max. temperature during short-circuit:**  
+160°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

PVC

### Concentric aluminum screen

Multiwire (rm)

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

**Breaking strength:** 3040 N

### PVC Sheath

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

## ACBYCY-A

**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**

<b>Tipodimensiune cablu</b> <i>Cable size</i>	<b>Tip conductor de faza</b> <i>Construction of phase conductor</i>	<b>Constructie conductor de nul</b> <i>Construction of concentric screen</i>	<b>Grosime radiala izolatie,</b> <i>Radial thickness of insulation</i> mm	<b>Grosime radiala manta</b> <i>Radial thickness of sheath</i> mm	<b>Masa cond de faza din aluminiu inf</b> <i>Mass of aluminum cond</i> kg/km	<b>Diametru exterior nominal</b> <i>Nominal outer diameter</i> mm	<b>Masa inf</b> <i>Mass inf</i> kg/km
10/10	ru	15x0.94	1.5	1.6	26.0	12.8	215
16/16	ru	22x0.94	1.5	1.6	41.0	14.4	259
25/25	rm	16x1.35	1.5	1.6	68.6	16.3	339