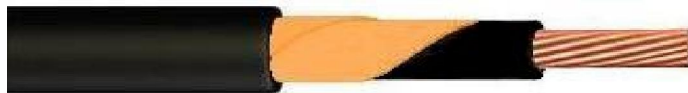
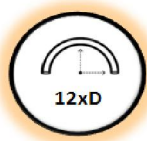
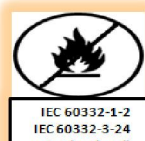
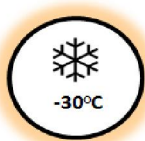
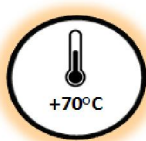
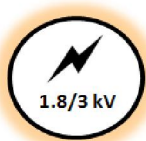


## CYEEY , CYEEY-F 1.8/ 3 kV



### Cablu de energie, ecranat, cu izolatie si manta de PVC

### PVC-insulated and sheathed power cable



**Standard de fabricatie:** SR CEI 60502-1  
**Tensiune nominala  $U_0/U(Um)$ :** 1.8/3.6 (3.6) kV  
**Tensiune de incercare:** 6.5 kV c.a, 5 min

#### Domeniul de utilizare

Cablurile sunt utilizate pentru transportul energiei electrice la statii de putere.  
Cablurile trebuie protejate impotriva agentilor corozivi, a solventilor chimici.

\*Cablul este cu rezistenta la radiatii UV

**Temperatura minima de instalare pe cablu:** -5°C  
**Temperatura maxima de lucru:** +70°C  
**Temperatura maxima de scurt-circuit:** +160°C  
**Temperatura minima de utilizare:** -33°C

#### Conductor de cupru

Conductor multifilar cl 2 ,rm ,conf SR EN 60228.

#### Izolatie

PVC

#### Ecran

Banda de cupru de 0.1 mm grosime

**Rezistenta electrica maxima a ecranului la 20°C:**

3.08  $\Omega$ /km

#### Manta exterioara

PVC, negru sau gri.

Cablurile CYEEY sunt cu rezistenta la propagarea flacarii, incercare conf. SR EN 60332-1-2

Iar CYEEY-F sunt cu rezistenta marita respectiv SR EN 60332-3-24/ cat.C

#### Marcaj pe manta

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

#### Raza minima de curbura la instalare

12 x diametrul cablului

#### Forta maxima de tractiune la pozare

50 N/mm<sup>2</sup>

#### Cod de culori

➤ 1 conductor: negru

**Reference standard:** SR CEI 60502-1  
**Rated voltage  $U_0/U(Um)$ :** 1.8/3.6 (3.6) kV  
**Test voltage:** 6.5 kV AC, 5 min

#### Applicability

Power supply to power stations.  
The cables must be protected against: corrosive chemicals, chemical solvents

\* UV resistant cables

**Minimum temperature of the cable during laying:** -5°C  
**Max. permissible operating temperature:** +70°C  
**Max. short-circuit temperature:** +160°C  
**Min. operation temperature:** -33°C

#### Copper conductor

Concentrically stranded conductor (rm), class.2 acc. to SR EN 60228

#### Insulation

PVC

#### Screen

Copper tape, 0.1 mm thickness.

**Max. resistance of the screen at 20°C:** 3.08  $\Omega$ /km

#### Outer sheath

PVC, black or gray.

CYEEY are flame retardant cables; test according to SR EN 60332-1-2

CYEEY-F are extra flame retardant cables, test acc.to SR EN 60332-3-24/ C category

#### Sheath marking

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

#### Min. bending radius at installation

12 x cable diameter

#### Max. tensile strain during installation

50 N/mm<sup>2</sup>

#### Color coding

➤ 1 conductor: black

**CYFY , CYFY-F 1.8/ 3 kV**

**Cablu de energie, ecranat, cu izolatie si  
manta de PVC**

**PVC-insulated and sheathed power cable**

<b>Tipodimensi une cablu</b>  <i>Cable size</i>	<b>Tip conductor</b>  <i>Type of conductor</i>	<b>Grosime radiala izolatie, nom/min</b>  <i>Radial thickness of insulation</i>  mm	<b>Grosime radiala nom/min manta exterioara</b>  <i>Radial thickness nom/min of outer sheath</i>  mm	<b>Rezistenta electrica max,la 20°C</b>  <i>Max. resistance at 20°C</i>  Ω/km	<b>Diametru exterior inf</b>  <i>Outer diameter Inf</i>  mm	<b>Masa Inf</b>  <i>Mass, inf</i>  kg/km
1x240	rm	2.2/1.88	1.8/1.24	0.0754	26.7	2604