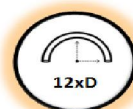
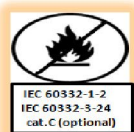
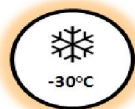
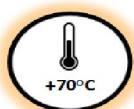
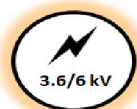


CYEEY, CYEEY-F 3.6/6 kV



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

PVC-insulated and sheathed, screened power cable



Standard de fabricatie: SR CEI 60502-2
Tensiune nominala $U_0/U(U_m)$: 3.6/6(7.2) kV
Tensiune de incercare: 12.5 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 si a radiatiilor solare

Temperatura maxima de lucru: +70°C
Temperatura maxima de scurt-circuit: +160°C
Temperatura minima a cablului (masurata pe manta):

- la montaj: -5°C
- in exploatare: -33°C

Conductor de cupru

Conductor multifilar (rm) sau sector multifilar (sm).

Izolatie

PVC tip B.

Invelis intern

* Banda semiconductoare cu bariera la propagarea apei

Ecran de cupru

Banda de cupru cu grosimea de 0.1 mm.

Rezistenta electrica max a ecranului la 20°C: 3.08 Ω /km

Manta exterioara

PVC, rosu (sau alta culoare la cererea clientului).

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

Iar CYEEY-F sunt cu intarziere marita la propagarea flacarii; incercare conf. SR EN 60332-3-24/ categoria 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/mm²

Cod de culori

- 3 conductoare: albe

Reference standard: SR CEI 60502-2
Rated voltage $U_0/U(U_m)$: 3.6 / 6 (7.2) kV
Test voltage: 12.5 kV AC,5 min

Applicability

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

Max. permissible operating temperature: +70°C
Max. short-circuit temperature: +160°C
Min. cable temperature (measured on sheath surface)

- during installation: -5°C
- in operation: -33°C

Copper conductor

Concentrically stranded conductor (rm), sector-shaped (sm).

Insulation

PVC, B type.

Inner protective layer

* Watertight semi-conductive tape

Copper screen

Copper tape, 0.1 mm thickness.

Max. screen resistance at 20°C: 3.08 Ω /km

Outer sheath

PVC, red (other colors on customer's request).

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/mm²

Color coding

- 3 conductors: white

CYEEY , CYEEY-F 3.6/6 kV

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

PVC-insulated and sheathed, screened power cable

Tipodimensiune cablu <i>Cable size</i>	Tip conductor <i>Type of conductor</i>	Grosime radiala izolatie, nom/min <i>Insulation's radial thickness</i> <i>Nom/min</i> mm	Grosime radiala nom/min manta exterioara <i>Outer sheath's radial thickness</i> <i>Nom./min.</i> mm	Rezistenta electrica max,la 20°C <i>Max. resistance at 20°C</i> Ω/km	Diametru exterior inf <i>Outer diameter</i> Inf mm	Masa Inf <i>Mass, inf</i> kg/km
3x25	rm	3.4/2.96	2.2/1.56	0.727	34.6	1600
3x35	rm	3.4/2.96	2.3/1.64	0.524	35.9	1950
3x50	sm	3.4/2.96	2.2/1.56	0.387	34.0	2300
3x70	sm	3.4/2.96	2.3/1.64	0.268	37.4	3100
3x95	sm	3.4/2.96	2.4/1.73	0.193	40.2	3980
3x120	sm	3.4/2.96	2.5/1.79	0.153	42.8	4830
3x150	sm	3.4/2.96	2.6/1.88	0.124	45.8	5630
3x185	sm	3.4/2.96	2.7/1.96	0.0991	48.8	7010
3x240	sm	3.4/2.96	2.9/2.12	0.0754	53.2	8750