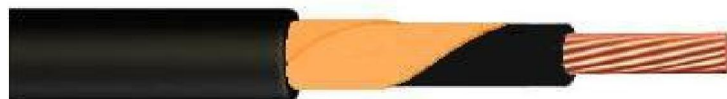
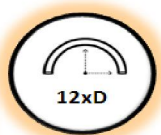
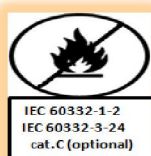
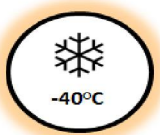
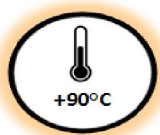
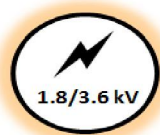


C2XEY, C2XEY-F 1.8/3 kV



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

Screened power cable with XLPE insulation and PVC sheath



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.

Temperatura minima de instalare pe cablu: -5°C
Temperatura de lucru: -40°C÷+90°C
Temperatura maxima de scurt-circuit: +250°C

* Cablurile sunt cu rezistenta la UV

Conductor de cupru

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

Izolatie

Polietilena reticulata (XLPE)

Ecran

Banda de cupru de 0.1 mm grosime.

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

Manta exterioara

PVC

Cablurile C2XEY sunt cu rezistenta la propagarea flacarii; incercare conf. SR EN 60332-1-2

Iar C2XEY-F sunt cu rezistenta marita la propagarea flacarii, incercare conf. 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

Min. 12 x diametrul cablului

Forta maxima de tractiune la pozare
50 N/mm²

Cod de culori

➤ 1 conductor: -negru

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 and solar radiation

Minimum temperature of the cable during laying: -5°C
Permissible operating temperature: -40°C÷+90°C
Max. short-circuit temperature: +250°C

* UV resistant cables

Coper conductor

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

Insulation

Crosslinked polyethylene (XLPE)

Screen

Copper tape, 0.1 mm thickness;

Max. resistance at 20°C: 3.08 Ω /km

Outer sheath

PVC

C2XEY are flame retardant cables; test according to SR EN 60332-1-2

C2XEY-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

Min. 12 x cable diameter

Max. tensile strain during installation
50 N/mm²

Color coding

➤ 1 conductor: -black

C2XEY, C2XEY-F 1.8/3 kV



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

Screened power cable with XLPE insulation and PVC sheath

Tipodimensiune cablu <i>Cable size</i>	Tip conductor <i>Type of conductor</i>	Grosime radiala izolatii, nom/min <i>Radial thickness of Insulation</i>	Grosime radiala manta exterioara nom/min <i>Radial thickness nom/min of outer sheath</i>	Rezistenta electrica max, la 20°C <i>Max. resistance at 20°C</i>	Diametru exterior inf <i>Outer diameter Inf</i>	Masa Inf <i>Mass, inf</i>
		mm	mm	Ω/km	mm	kg/km
1x70	rm	2.0/1.7	1.8/1.24	0.268	17.7	880