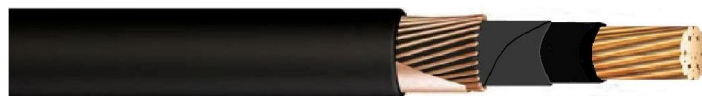
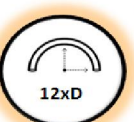
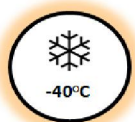
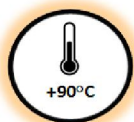
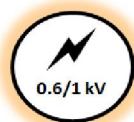


C2XS(F)2Y 0.6/1KV



**Cablu de energie cu izolatie din polietilena reticulata, ecran si sarme de Cu, cu bariera longitudinala la patrunderea apei si manta de polietilena termoplastica**

**XLPE-insulated power cable with copper wire screen, longitudinal water barrier tape and thermoplastic polyethylene sheath**



**Standard de fabricatie:** SR CEI 60502-1

**Tensiune nominala  $U_0/U(U_m)$ :** 0.6/1(1.2) kV

#### **Domeniul de utilizare**

Cablurile sunt utilizate pentru transportul energiei electrice la statiile de putere.

Cablurile au rezistenta la socuri mecanice in timpul pozarii si dupa. Pot fi pozate in spatii inchise si deschise, in pamant, in canale, in beton .

**Temperatura minima de instalare pe cablu:** -20°C

**Temperatura maxima de lucru:** +90°C

**Temperatura maxima de scurt-circuit (max 5 sec):** +250°C

#### **Conductor de cupru**

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

#### **Izolatia**

Polietilena reticulata (XLPE).

\* **Banda semiconductoare cu bariera la propagarea apei**

**Ecran de cupru din sarme + contraspira din cupru**

\* **Banda cu bariera la propagarea apei**

#### **Manta exterioara**

Polietilena termoplastica de medie de densitate ST7

#### **Marcaj pe manta**

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

#### **Raza minima de curbura la instalare**

12xdiametrul cablului

#### **Forta maxima de tractiune la pozare**

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

#### **Culoare conductor izolat**

➤ negru

#### **Culoare manta**

➤ neagra

**Standard:** SR CEI 60502-1

**Rated voltage  $U_0/U(U_m)$ :** 0.6/1(1.2) kV

#### **Applicability:**

Power supply to power stations.

The cables possess mechanical resistance during laying and after. They can be installed in open or confined areas, underground, in sewers, in concrete.

**Minimum temperature of the cable during laying:** -20°C

**Max. permissible operating temperature:** +90°C

**Max. short-circuit temperature (max. 5 sec.):** +250°C

#### **Copper conductor**

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

#### **Insulation**

Crosslinked polyethylene (XLPE).

\* **Watertight semi-conductive tape**

**Copper wire screen + copper counterhelix**

\* **Watertight tape**

#### **Outer sheath**

Medium density thermoplastic PE, ST7 type.

#### **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**

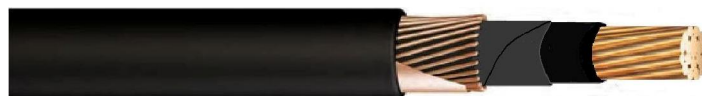
50 N/mm<sup>2</sup>

#### **Insulated conductor color**

➤ black

#### **Sheath color**

➤ black

**C2XS(F)2Y 0.6/1KV**

**Cablu de energie cu izolatie din polietilena reticulata, ecran si sarme de Cu, cu bariera longitudinala la patrunderea apei si manta de polietilena termoplastica**

**XLPE-insulated power cable with copper wire screen, longitudinal water barrier tape and thermoplastic polyethylene sheath**

<b>Tipodimensiune cablu</b>	<b>Tip conductor</b>	<b>Grosime radiala izolatie, nom/min</b>	<b>Grosime radiala nom/min manta exterioara</b>	<b>Rezistenta electrica cond max,la 20°C</b>	<b>Rezistenta electrica ecran max,la 20°C</b>	<b>Diametru exterior inf</b>	<b>Masa Inf</b>
<i>Cable size</i>	<i>Type of conductor</i>	<i>Radial thickness of insulation</i>	<i>Radial thickness nom/min of outer sheath</i>	<i>Max. resistance at 20°C</i>	<i>Max. resistance at 20°C</i>	<i>Outer diameter Inf</i>	<i>Mass, inf</i>
		mm	mm	Ω/km	Ω/km	mm	kg/km
1x150/25	rm	1.4/1.16	1.8/1.24	0.124	0.727	26.0	1750
1x185/25	rm	1.6/1.34	1.8/1.24	0.0991	0.727	28.8	2180
1x240/25	rm	1.7/1.43	1.9/1.32	0.0754	0.727	30.9	2670
1x300/25	rm	1.8/1.52	2.1/1.48	0.0601	0.727	34.7	3330
1x400/35	rm	2.0/1.7	2.2/1.56	0.0470	0.524	39.1	4350