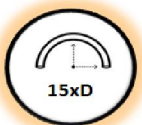
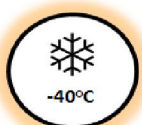
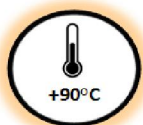
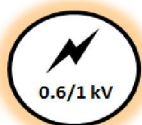


C2X2Y , N2X2Y



Cablu de energie cu izolatie de polietilena reticulata si manta de PE termoplastica

Power cable with XLPE insulation and PE sheath



Standard de fabricatie: SR HD 603 S1; IEC 502; NF C 32-321

Tensiune nominala U_o/U(U_m): 0.6/1(1.2) kV

Tensiunea de incercare: 4 kV, 50 Hz, timp de 5 minute.

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, in apa.

Temperatura conductorului in functionarea de durata: +90°C

Temperatura maxima a conductorului in scurt-circuit(max 5 s): +250°C

Temperatura minima a cablului (masurata pe manta)

- la montaj: -5°C
- in exploatare: -40°C

Conductor de cupru

Conductor multifilar (rm)

Izolatie

Polietilena reticulata (XLPE), tip DIX 3.

Manta

Polietilena tip DMP2, negru.

Marcaj pe manta

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

Raza minima de curbura la instalare

15 x diametrul cablului- cablu monofilar

Forta maxima de tractiune la pozare

50 N/mm²

Cod de culori

- 1 conductor: negru sau galben-verde

Standard: SR HD 603 S1; IEC 502; NF C 32-321

Rated voltage U_o/U(U_m): 0.6/1(1.2) kV

Test voltage: 4 kV, 50 Hz, for 5 minutes.

Applications :

Power supply to power stations

The cables possess mechanical resistance durring laying and after.

They can be installed in open or confined areas, under ground, in sewers, in concrete , under water.

Conductor temperature in long-run operation: +90°C

Max. conductor temperature in short-circuit (max 5 s): +250°C

Minimum cable temperature (measured on the sheath surface)

- during installation: -5°C
- in operation: -40°C

Copper conductor

Concentrically stranded conductor (rm)

Insulation

Crosslinked polyethylene (XLPE), DIX3 type.

Sheath

Polyethylene DMP2 type, black.

Sheath marking

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

Min. bending radius at installation :

15 x cable diameter – single-core cable

Max. tensile strain at installation :

50 N/mm²

Color coding :

- 1 conductor: black or yellow-green

Tipodimensiune cablu	Tip conductor	Nr de fire din conductor	Grosime radiala izolatie	Grosime radiala manta	Rezistenta electrica max, la 20°C	Diametru Exterior		Masa inf
						min	max	
<i>Cable size</i>	<i>Cond. type</i>	<i>No. of wires / conductor</i>	<i>Radial insulation thickness</i>	<i>Radial sheath thickness</i>	<i>Max. resistance at 20°C</i>	<i>Outer diameter mm</i>		<i>Mass inf</i>
			mm	mm	Ω/km			kg/km
1x240	rm	61	1.7	1.8	0.0754	25.3	28.5	2295