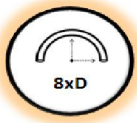
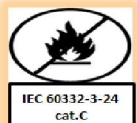
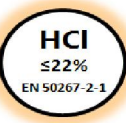
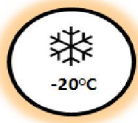
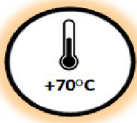
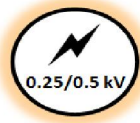


CSYEAbYF-F 0.25/0.5 kV in perechi



Cablu de semnalizare, ecranat, in perechi, cu izolatie si manta de PVC

PVC – insulated and sheathed twinned signal cable, screened



Standard de fabricatie: ST 145
Tensiune nominala U_o/U: 0.25/0.5 kV
Capacitate mutuala: max 150 nF/km
Rezistenta de izolatie: min 200 MΩ*km

Domeniul de utilizare

Cablurile sunt utilizate pentru comanda si semnalizare in statii electroenergetice si, transmitere de date. Cablurile pot fi pozate in spatii inchise si deschise, in pamant, in canale, in beton.

Temperatura max in functionarea de durata:
+70°C

Temperatura de utilizare normala: -20°C/+60°C

Temperatura minima de montaj: -5°C

* Cablurile sunt cu rezistenta la UV

Conductor de cupru

Conductor multifilar, cl. 5 conf SR EN 60228

Izolatie: PVC

Pas cablare pereche: max. 66 mm

Ecran comun

Ecran din banda de aluminiu pe suport de poliester 9/12 μm + fir de continuitate din cupru 0.4mm

Manta interna: PVC

Armatura

Banda de otel laminata la rece de grosime 0.2 mm.

Manta exterioara

PVC cu continut scazut de halogeni ≤22%HCl, conf. EN 50267-2-1

Cablurile sunt cu rezistenta 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, marcare de lungime.

Raza minima de curbura la instalare

8 x diametrul cablului

Forta maxima de tractiune la pozare

50 N/mm²

Cod de culori

- In fiecare pereche cond. a- alb
b- negru

* Conductoarele vor fi numerotate in functie de pereche

Production standard: ST 145
Rated voltage U_o/U: 0.25/0.5 kV
Mutual capacitance: max. 150 nF/km
Insulation resistance: min. 200 MΩ*km

Applicability

Control and signal transmittal in power generation and supply facilities, data transmission .
The cables can be installed in open or confined areas, underground, in sewers.

Max. temperature in long-run operation: +70 °C

Normal operational temperature range:

-20°C/+60°C

Minimum temperature during installation: -5°C

* UV resistant cables

Copper conductor

Flexible conductor, cl. 5 acc. to SR EN 60228

Insulation: PVC

Twinning length: max. 66 mm

Screen

ALU/PET tape, 9/12 μm thickness + 0.4 mm copper tinned wire, for continuity.

Inner sheath: PVC

Armor

Steel tape 0.2 mm thickness.

Sheath

PVC - low halogen content ≤22% HCl, test acc. to EN EN 50267-2-1

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

8 x cable diameter

Max. tensile strain during installation :

50 N/mm²

Color coding

- For each pair: conductor a-white
b-black

* The conductors will be numbered according to pair.

CSYEAbYF-F 0.25/0.5 kV in perechi



Cablu de semnalizare, ecranat, in perechi, cu izolatie si manta de PVC

PVC – insulated and sheathed twinned signal cable, screened

Tip dimensiune cablu <i>Cable size</i>	Tip conductor <i>Type of conductor</i>	Grosime radiala izolatie <i>Radial thickness of insulation</i>	Grosime radiala Manta Int/ext <i>Radial thickness of sheath</i>	Rezistenta electrica max, la 20°C <i>Max. Resistance at 20°C</i>	Diametru exterior nominal <i>Nominal outer diameter</i>	Masa inf <i>Mass inf</i>
		mm	mm	Ω/km	mm	kg/km
1x(2x1.5)	Cl 5	0.6	1.4	13.3	10.9	180
6x(2x1.5)	Cl 5	0.6	1.4	13.3	19.3	530
12x(2x1.5)	Cl 5	0.6	1.8	13.3	24.9	923
24x(2x1.5)	Cl 5	0.6	1.8	13.3	32.5	1500