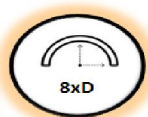
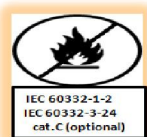
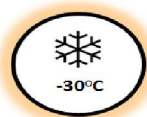
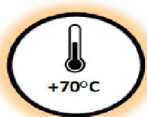
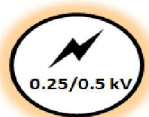


## CSYYF, CSYYF-F 0.25/0.5 kV in perechi

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



PVC – insulated and sheathed twinned signal  
cables



**Standard de fabricatie:** ST 145  
**Tensiune nominala  $U_0/U$ :** 0.25/0.5 kV

**Capacitate mutuala:** max 150 nF/km

**Rezistenta de izolatie:** min 200 M $\Omega$ 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:** -33°C/+70°C

**Temperatura minima de montaj:** -5°C

### Conductor de cupru

Conductor multifilar, cl.5 conf. SR EN 60228

### Izolatie

PVC

**Pas cablare pereche:** max 66 mm

### Manta

PVC de culoare neagra

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

Iar CSYYF-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.

### Raza minima de curbura la instalare

8 x diametrul cablului

### Forta maxima de tractiune la pozare

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

### 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  $U_0/U$ :** 0.25/0.5 kV

**Mutual capacitance:** max. 150 nF/km

**Insulation resistance:** min 200 M $\Omega$ \*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:**

-33°C/+70°C

**Minimum temperature during installation:** -5°C

### Copper conductor

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

### Insulation

PVC

**Twinning length:** max. 66 mm

### Sheath

PVC black

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

CSYYF-F are extra flame retardant cables, test according to SR EN 60332-3-24/ C category

### Sheath marking

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

### Min. bending radius at installation

8 x cable diameter

### Max. tensile strain during installation

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

### Color coding

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

\* The conductors will be numbered according to pair.

**CSYYF , CSYYF-F 0.25/0.5 kV  
in perechi**

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



**PVC – insulated and sheathed twinned signal  
cables**

Tipodimensiune cablu <i>Cable size</i>	Tip conductor <i>Type of conductor</i>	Grosime radiala izolatie <i>Radial thickness of insulation mm</i>	Grosime radiala manta <i>Radial thickness of sheath mm</i>	Rezistenta electrica max, la 20°C <i>Max. Resistance at 20°C</i>  Ω/km	Diametru exterior nominal <i>Nominal outer diameter</i>  mm	Masa inf <i>Mass inf</i>  kg/km
1x(2x1)	Cl5	0.6	1.8	19.5	8.9	96
2x(2x1)	Cl5	0.6	1.8	19.5	12.4	158
4x(2x1)	Cl5	0.6	1.8	19.5	14.2	233
7x(2x1)	Cl5	0.6	1.8	19.5	16.7	343