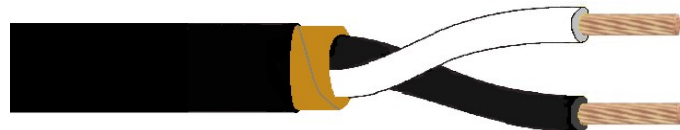
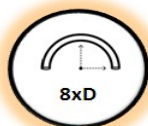
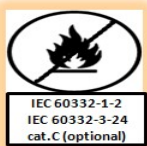
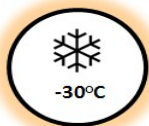
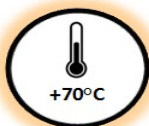
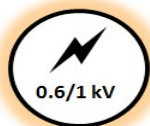


CSYEcyF, CSYEcyF-F 0.6/1 kV in perechi



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

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



Standard de fabricatie: ST 145.1

Tensiune nominala U_0/U : 0.6/1 kV

Capacitate mutuala: max 200 pF/m

Rezistenta de izolatie: min 200 M Ω *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

* 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

Banda de Cu-PET

Manta

PVC

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

Iar CSYEcyF-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, marcare 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 145.1

Rated voltage U_0/U : 0.6/1 kV

Mutual capacitance: max 200 pF/m

Insulation resistance: min 200 M Ω *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

* UV resistant cable

Copper conductor

Flexible conductor, class 5 acc. to SR EN 60228

Insulation

PVC

Twinning length: max. 66 mm

Screen

Cu-PET tape

Sheath

PVC

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

CSYEcyF-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, length marking.

Min. bending radius at installation

8 x cable diameter

Max. tensile strain during installation

50 N/mm²

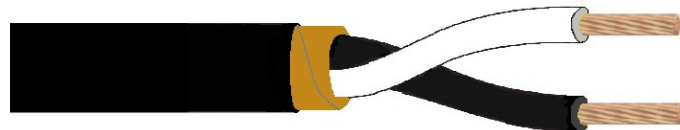
Color coding

For each pair: conductor a - white

b - black

* The conductors will be numbered according to pair.

CSYEcYF , CSYEcYF-F 0.6/1 kV in perechi

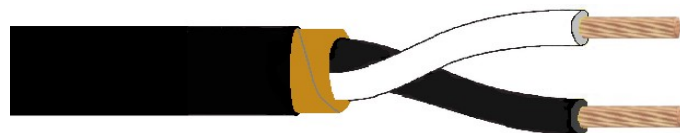


**Cablu de semnalizare, ecranat, in perechi, cu
izolatie si manta de PVC**

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

Tipodimensiune cablu <i>Cable size</i>	Tip conductor <i>Type of conductor</i>	Grosime radiala izolatie <i>Insulation radial thickness mm</i>	Grosime radiala manta <i>Sheath radial thickness 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(2x0.5)	rm	0.7	1.8	39.0	8.9	80
2x(2x0.5)	rm	0.7	1.8	39.0	11.9	124
3x(2x0.5)	rm	0.7	1.8	39.0	12.4	150
4x(2x0.5)	rm	0.7	1.8	39.0	13.4	176
5x(2x0.5)	rm	0.7	1.8	39.0	14.4	215
6x(2x0.5)	rm	0.7	1.8	39.0	15.5	235
7x(2x0.5)	rm	0.7	1.8	39.0	15.5	248
8x(2x0.5)	rm	0.7	1.8	39.0	16.3	276
9x(2x0.5)	rm	0.7	1.8	39.0	17.3	295
10x(2x0.5)	rm	0.7	1.8	39.0	18.2	325
12x(2x0.5)	rm	0.7	1.8	39.0	19.0	375
14x(2x0.5)	rm	0.7	1.8	39.0	20.2	421
15x(2x0.5)	rm	0.7	1.8	39.0	20.8	450
16x(2x0.5)	rm	0.7	1.8	39.0	21.0	470
19x(2x0.5)	rm	0.7	1.8	39.0	22.7	535
20x(2x0.5)	rm	0.7	1.8	39.0	23.2	555
1x(2x0.75)	rm	0.7	1.8	26.0	9.2	90
2x(2x0.75)	rm	0.7	1.8	26.0	12.5	150
3x(2x0.75)	rm	0.7	1.8	26.0	12.9	175
4x(2x0.75)	rm	0.7	1.8	26.0	14.3	207
5x(2x0.75)	rm	0.7	1.8	26.0	15.4	245
6x(2x0.75)	rm	0.7	1.8	26.0	16.6	280
7x(2x0.75)	rm	0.7	1.8	26.0	16.6	305
8x(2x0.75)	rm	0.7	1.8	26.0	17.6	335
9x(2x0.75)	rm	0.7	1.8	26.0	18.7	375
10x(2x0.75)	rm	0.7	1.8	26.0	19.7	405
12x(2x0.75)	rm	0.7	1.8	26.0	20.5	465
14x(2x0.75)	rm	0.7	1.8	26.0	21.7	528
15x(2x0.75)	rm	0.7	1.8	26.0	22.4	550
16x(2x0.75)	rm	0.7	1.8	26.0	23.0	591
19x(2x0.75)	rm	0.7	1.8	26.0	24.6	685
20x(2x0.75)	rm	0.7	1.8	26.0	25.1	715

CSYEcyF , CSYEcyF-F 0.6/1 kV in perechi

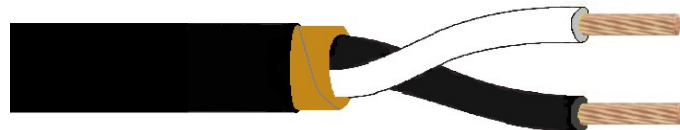


**Cablu de semnalizare, ecranat, in perechi, cu
izolatie si manta de PVC**

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

Tipodimensiune cablu <i>Cable size</i>	Tip conductor <i>Type of conductor</i>	Grosime radiala izolatie <i>Insulation radial thickness mm</i>	Grosime radiala manta <i>Sheath radial thickness mm</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>
				Ω/km	mm	kg/km
1x(2x1)	rm	0.8	1.8	19.5	10.3	106
2x(2x1)	rm	0.8	1.8	19.5	14.2	172
3x(2x1)	rm	0.8	1.8	19.5	14.7	215
4x(2x1)	rm	0.8	1.8	19.5	16.1	255
5x(2x1)	rm	0.8	1.8	19.5	16.5	307
6x(2x1)	rm	0.8	1.8	19.5	18.8	358
7x(2x1)	rm	0.8	1.8	19.5	18.8	390
8x(2x1)	rm	0.8	1.8	19.5	19.9	435
9x(2x1)	rm	0.8	1.8	19.5	21.3	480
10x(2x1)	rm	0.8	1.8	19.5	22.4	525
12x(2x1)	rm	0.8	1.8	19.5	23.4	598
14x(2x1)	rm	0.8	1.8	19.5	24.8	685
15x(2x1)	rm	0.8	1.8	19.5	25.5	725
16x(2x1)	rm	0.8	1.8	19.5	26.3	782
19x(2x1)	rm	0.8	1.8	19.5	28.5	921
20x(2x1)	rm	0.8	1.8	19.5	22.2	962
1x(2x1.5)	rm	0.8	1.8	13.3	10.5	118
2x(2x1.5)	rm	0.8	1.8	13.3	14.6	196
3x(2x1.5)	rm	0.8	1.8	13.3	15.3	242
4x(2x1.5)	rm	0.8	1.8	13.3	16.7	294
5x(2x1.5)	rm	0.8	1.8	13.3	18.2	347
6x(2x1.5)	rm	0.8	1.8	13.3	19.3	400
7x(2x1.5)	rm	0.8	1.8	13.3	19.7	438
8x(2x1.5)	rm	0.8	1.8	13.3	20.8	488
9x(2x1.5)	rm	0.8	1.8	13.3	23.3	540
10x(2x1.5)	rm	0.8	1.8	13.3	23.5	590
12x(2x1.5)	rm	0.8	1.8	13.3	24.5	665
16x(2x1.5)	rm	0.8	1.8	13.3	27.6	863
20x(2x1.5)	rm	0.8	1.8	13.3	30.4	1043
1x(2x2.5)	rm	0.8	1.8	13.3	11.5	180
2x(2x2.5)	rm	0.8	1.8	13.3	16.5	310
3x(2x2.5)	rm	0.8	1.8	13.3	17.4	390
4x(2x2.5)	rm	0.8	1.8	13.3	19.1	475
5x(2x2.5)	rm	0.8	1.8	13.3	20.9	560

**CSYEcYF , CSYEcYF-F 0.6/1 kV
in perechi**



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

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

Tipodimensiune cablu <i>Cable size</i>	Tip conductor <i>Type of conductor</i>	Grosime radiala izolatie <i>Insulation radial thickness mm</i>	Grosime radiala manta <i>Sheath radial thickness 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
6x(2x2.5)	rm	0.8	1.8	13.3	22.7	650
7x(2x2.5)	rm	0.8	1.8	13.3	22.7	715
8x(2x2.5)	rm	0.8	1.8	13.3	24.1	798
10x(2x2.5)	rm	0.8	1.8	13.3	27.3	969
12x(2x2.5)	rm	0.8	1.8	13.3	28.6	1090
16x(2x2.5)	rm	0.8	1.8	13.3	32.4	1420
20x(2x2.5)	rm	0.8	2.2	13.3	36.5	1799