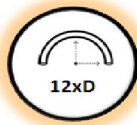
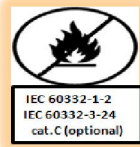
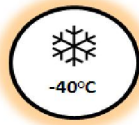
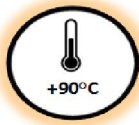
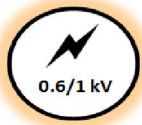


## CS2XEYF , CS2XEYF-F 0.6/1 kV



### Cablu de semnalizare, ecranat, cu izolatie de polietilena reticulata si manta de PVC

### Screened signal cable with XLPE insulation and PVC sheath



**Standard de referinta:** SR CEI 60502-1  
**Tensiune nominala  $U_0/U$ :** 0.6/1 kV

#### Domeniul de utilizare

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

**Temperatura max in functionarea de durata:** +90°C  
**Temperatura de utilizare normala:** -40°C÷+80°C  
**Temperatura minima de montaj:** -5°C  
\* Cablurile sunt cu rezistenta la radiatii UV

#### Conductor de cupru

Conductor multifilar, cl. 5 SR EN 60228

#### Izolatie

Polietilena reticulata (XLPE)

#### Ecran

Aluminiu pe suport de poliester tip ALU/PET, grosime 9/12 µm cu fir de continuitate din sarma de cupru stanata de 0.4 mm.

#### Manta

PVC negru sau gri.

Cablurile CS2XEYF sunt cu intarziere la propagarea flacarii, incercare conf. SR EN 60332-1-2.

Cablurile CS2XEYF-F sunt cu intarziere marita la propagarea flacarii, incercare conf. SR CEI 60332-3-24/ categoria C.

#### Marcaj pe manta

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

#### Raza minima de curbura la instalare

12 x diametrul cablului

#### Forta maxima de tractiune la pozare

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

#### Cod de culori

- Pe fiecare strat doua conductoare alaturate vor avea culori diferite una inchisa si cealalta deschisa, restul conductoarelor vor fi albe.

**Reference standard:** SR CEI 60502-1  
**Rated voltage  $U_0/U$ :** 0.6/1 kV

#### Applicability

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

**Max. temperature in long-run operation:** +90°C  
**Normal operational temperature range:** -40°C÷+80°C  
**Minimum temperature during installation:** -5°C  
\*UV resistant cables

#### Copper conductor

Flexible conductor, cl. 5 according to SR EN 60228

#### Insulation

Crosslinked-polyethylene (XLPE)

#### Screen

Aluminum screen on polyester base ALU/PET type 9/12µm, with 0.4 mm tinned copper continuity wire.

#### Sheath

PVC black or gray.

CS2XEYF are flame retardant cables; test according to SR EN 60332-1-2

CS2XEYF-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

12 x cable diameter

#### Max. tensile strain during installation

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

#### Color coding

- Two adjacent conductors within each layer must have different colors, a dark and a light one, whereas the remaining ones must be white.

## CS2XEYF , CS2XEYF-F 0.6/1 kV



**Cablu de semnalizare, ecranat, cu izolatie de polietilena reticulata si manta de PVC**

**Screened signal cable with XLPE insulation and PVC sheath**

Tipodimensiune cablu <i>Cable size</i>	Tip conductor <i>Conductor type</i>	Grosime radiala izolatie <i>Insulation's radial thickness</i> mm	Grosime radiala manta <i>Sheath's radial thickness</i> mm	Rezistenta electrica max, la 20°C <i>Max. resistance at 20°C</i> Ω/km	Diametru exterior inf <i>Nominal outer diameter inf</i> mm	Masa inf <i>Mass inf</i> kg/km
2x1	cl 5	0.7	1.8	19.5	9.3	99
2x1.5	cl 5	0.7	1.8	13.3	9.8	115
2x2.5	cl 5	0.7	1.8	7.98	10.6	141
2x4	cl 5	0.7	1.8	4.95	11.5	179
2x6	cl 5	0.7	1.8	3.3	12.5	228
3x1	cl 5	0.7	1.8	19.5	9.7	117
3x1.5	cl 5	0.7	1.8	13.3	10.2	136
3x2.5	cl 5	0.7	1.8	7.98	11.1	174
3x4	cl 5	0.7	1.8	4.95	12.1	228
3x6	cl 5	0.7	1.8	3.3	13.2	296
4x1	cl 5	0.7	1.8	19.5	10.4	136
4x1.5	cl 5	0.7	1.8	13.3	11.0	162
4x2.5	cl 5	0.7	1.8	7.98	11.9	210
4x4	cl 5	0.7	1.8	4.95	13.1	279
4x6	cl 5	0.7	1.8	3.3	14.3	369
5x1	cl 5	0.7	1.8	19.5	11.1	158
5x1.5	cl 5	0.7	1.8	13.3	11.7	187
5x2.5	cl 5	0.7	1.8	7.98	12.8	247
5x4	cl 5	0.7	1.8	4.95	14.1	332
5x6	cl 5	0.7	1.8	3.3	15.5	442
6x1.5	cl 5	0.7	1.8	13.3	12.8	223
7x1	cl 5	0.7	1.8	19.5	11.8	189
7x1.5	cl 5	0.7	1.8	13.3	12.8	234
7x2.5	cl 5	0.7	1.8	7.98	14.0	315
7x4	cl 5	0.7	1.8	4.95	15.4	430
7x6	cl 5	0.7	1.8	3.3	16.9	579
9x1	cl 5	0.7	1.8	19.5	13.8	236
9x1.5	cl 5	0.7	1.8	13.3	14.8	291
9x2.5	cl 5	0.7	1.8	7.98	16.3	395
9x4	cl 5	0.7	1.8	4.95	18.1	544
9x6	cl 5	0.7	1.8	3.3	20.0	737
12x1	cl 5	0.7	1.8	19.5	14.8	285
12x1.5	cl 5	0.7	1.8	13.3	15.8	356
12x2.5	cl 5	0.7	1.8	7.98	17.5	491

## CS2XEYF , CS2XEYF-F 0.6/1 kV



**Cablu de semnalizare, ecranat, cu izolatie de polietilena reticulata si manta de PVC**

**Screened signal cable with XLPE insulation and PVC sheath**

Tipodimensiune cablu <i>Cable size</i>	Tip conductor <i>Conductor type</i>	Grosime radiala izolatie <i>Insulation's radial thickness mm</i>	Grosime radiala manta <i>Sheath's radial thickness mm</i>	Rezistenta electrica max, la 20°C <i>Max. resistance at 20°C</i>  Ω/km	Diametru exterior inf <i>Nominal outer diameter inf</i>  mm	Masa inf <i>Mass inf</i>  kg/km
12x4	cl 5	0.7	1.8	4.95	19.4	685
12x6	cl 5	0.7	1.8	3.3	20.0	938
14x1	cl 5	0.7	1.8	19.5	15.4	318
14x1.5	cl 5	0.7	1.8	13.3	16.5	399
14x2.5	cl 5	0.7	1.8	7.98	18.3	555
16x1	cl 5	0.7	1.8	19.5	16.1	351
16x1.5	cl 5	0.7	1.8	13.3	17.3	444
16x2.5	cl 5	0.7	1.8	7.98	19.2	621
19x1	cl 5	0.7	1.8	19.5	16.9	399
19x1.5	cl 5	0.7	1.8	13.3	18.1	507
19x2.5	cl 5	0.7	1.8	7.98	20.1	715
20x1.5	cl 5	0.7	1.8	19.5	18.6	520
21x1	cl 5	0.7	1.8	19.5	19.4	450
21x1.5	cl 5	0.7	1.8	13.3	20.9	571
21x2.5	cl 5	0.7	1.8	7.98	23.3	802
24x1	cl 5	0.7	1.8	19.5	19.4	490
24x1.5	cl 5	0.7	1.8	13.3	20.9	626
24x2.5	cl 5	0.7	1.8	7.98	23.3	887
27x1	cl 5	0.7	1.8	19.5	19.4	533
27x1.5	cl 5	0.7	1.8	13.3	21.3	685
27x2.5	cl 5	0.7	1.8	7.98	23.6	977
30x1	cl 5	0.7	1.8	19.5	20.4	580
30x1.5	cl 5	0.7	1.8	13.3	22.0	747
30x2.5	cl 5	0.7	1.8	7.98	24.6	1069
33x1	cl 5	0.7	1.8	19.5	21.2	627
33x1.5	cl 5	0.7	1.8	13.3	22.9	809
33x2.5	cl 5	0.7	1.8	7.98	25.5	1163
37x1	cl 5	0.7	1.8	19.5	21.9	687
37x1.5	cl 5	0.7	1.8	13.3	23.7	851
37x2.5	cl 5	0.7	1.8	7.98	26.5	1285
42x1	cl 5	0.7	1.8	19.5	24.5	778
42x1.5	cl 5	0.7	1.8	13.3	26.5	1009
48x1	cl 5	0.7	2.0	19.5	24.9	862
48x1.5	cl 5	0.7	2.0	13.3	26.9	1124
50x1.5	cl 5	0.7	2.0	13.3	28.9	1367
52x1	cl 5	0.7	2.0	19.5	25.5	921

**CS2XEYF , CS2XEYF-F 0.6/1 kV**

**Cablu de semnalizare, ecranat, cu izolatie de polietilena reticulata si manta de PVC**

**Screened signal cable with XLPE insulation and PVC sheath**

<b>Tipodimensiune cablu</b> <i>Cable size</i>	<b>Tip conductor</b> <i>Conductor type</i>	<b>Grosime radiala izolatie</b> <i>Insulation's radial thickness</i> mm	<b>Grosime radiala manta</b> <i>Sheath's radial thickness</i> mm	<b>Rezistenta electrica max, la 20°C</b> <i>Max. resistance at 20°C</i> Ω/km	<b>Diametru exterior inf</b> <i>Nominal outer diameter inf</i> mm	<b>Masa inf</b> <i>Mass inf</i> kg/km
52x1.5	cl 5	0.7	2.0	13.3	27.6	1204
56x1	cl 5	0.7	2.0	19.5	26.2	981
56x1.5	cl 5	0.7	2.0	13.3	28.6	1299
61x1	cl 5	0.7	2.0	19.5	27.0	1055
61x1.5	cl 5	0.7	2.0	13.3	29.4	1399