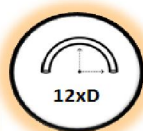
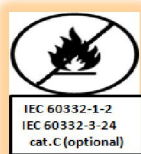
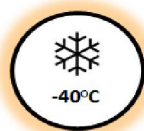
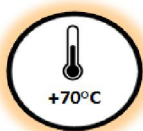
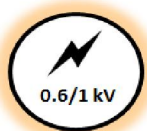


## CS2YY(-F) 0.6/1 kV



### Cablu de semnalizare cu izolatie de polietilena si manta de PVC

### Signal cable with polyethylene insulation and PVC sheath



**Standard de fabricatie:** ST 147 ;  
**Tensiune nominala U<sub>0</sub>/U:** 0.6/1 kV

#### Domeniul de utilizare

Cablurile sunt utilizate pentru comanda si semnalizare in statii electroenergetice si aplicatii similare.

Cablurile pot fi pozate in spatii inchise si deschise, in pamant, in canale, in beton .

**Temperatura max in functionarea de durata:** +70°C  
**Temperatura maxima in scurtcircuit:** +130°C  
**Temperatura de utilizare normala:** -30°C/+65°C  
**Temperatura minima de montaj:** -5°C

\* Cablurile sunt cu rezistenta la radiatii UV

#### Conductor de cupru

Conductor unifilar (re), SR EN 60228

#### Izolatie:

Polietilena

#### Manta

PVC negru respectiv gri

Cablurile sunt cu rezistenta respectiv rezistenta marita la propagarea flacarii, incercare conf.

SR EN 60332-1-2 sau SR EN 60332-3-24 / categoria C

#### Marcaj pe manta

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

**Production standard:** ST 147  
**Rated voltage U<sub>0</sub>/U:** 0.6/1 kV

#### Applicability

Control and signal transmittal in power generation and supply facilities and similar applications.

The cables can be installed in open or confined areas, underground, in sewers, in concrete.

**Max. temperature in long-run operation:** +70°C  
**Max. conductor temperature in short-circuit:** +130°C  
**Normal operational temperature range:** -30°C/+65°C  
**Minimum temperature during installation:** -5°C

\* UV resistant cables

#### Copper conductor

Solid conductor (re), SR EN 60228

#### Insulation:

Polyethylene

#### Sheath

PVC black and gray

Flame retardant or extra flame retardant cables; test according to SR EN 60332-1-2 or 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 light one, whereas the remaining ones must be white.

## CS2YY(-F) 0.6/1 kV



**Cablu de semnalizare cu izolatie de polietilena si manta de PVC**

**Signal cable with polyethylene insulation and PVC sheath**

Tipodimensiune cablu <i>Cable size</i>	Tip conductor <i>Type of conductor</i>	Grosime radiala izolatie <i>Radial thickness of insulation</i> mm	Grosime radiala manta <i>Radial thickness of sheath</i> mm	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
2x1	re	0.6	1.8	18.1	8.5	106
2x1.5	re	0.7	1.8	12.1	9.3	131
2x2.5	re	0.7	1.8	7.41	10.1	165
2x4	re	0.8	1.8	4.61	11.0	211
2x6	re	0.8	1.8	3.08	12.2	275
3x1	re	0.6	1.8	18.1	8.8	119
3x1.5	re	0.7	1.8	12.1	9.7	149
3x2.5	re	0.7	1.8	7.41	10.6	192
3x4	re	0.8	1.8	4.61	11.6	252
3x6	re	0.8	1.8	3.08	12.9	333
4x1	re	0.6	1.8	18.1	9.4	139
4x1.5	re	0.7	1.8	12.1	10.5	176
4x2.5	re	0.7	1.8	7.41	11.4	230
4x4	re	0.8	1.8	4.61	12.5	306
4x6	re	0.8	1.8	3.08	13.9	409
5x1	re	0.6	1.8	18.1	10.1	161
5x1.5	re	0.7	1.8	12.1	11.2	206
5x2.5	re	0.7	1.8	7.41	12.3	273
5x4	re	0.8	1.8	4.61	13.6	366
5x6	re	0.8	1.8	3.08	15.1	491
7x1	re	0.6	1.8	18.1	10.8	191
7x1.5	re	0.7	1.8	12.1	12.1	246
7x2.5	re	0.7	1.8	7.41	13.3	333
7x4	re	0.8	1.8	4.61	14.6	453
7x6	re	0.8	1.8	3.08	16.3	616
9x1	re	0.6	1.8	18.1	13.1	222
9x1.5	re	0.7	1.8	12.1	14.7	284
9x2.5	re	0.7	1.8	7.41	16.2	387
12x1	re	0.6	1.8	18.1	13.9	267
12x1.5	re	0.7	1.8	12.1	15.6	347
12x2.5	re	0.7	1.8	7.41	17.3	480
14x1	re	0.6	1.8	18.1	14.5	298
14x1.5	re	0.7	1.8	12.1	16.3	389
14x2.5	re	0.7	1.8	7.41	18.1	543
16x1	re	0.6	1.8	18.1	15.1	330
16x1.5	re	0.7	1.8	12.1	17.1	432
16x2.5	re	0.7	1.8	7.41	19.0	607

## CS2YY(-F) 0.6/1 kV



**Cablu de semnalizare cu izolatie de polietilena si manta de PVC**

**Signal cable with polyethylene insulation and PVC sheath**

Tipodimensiune cablu <i>Cable size</i>	Tip conductor <i>Type of conductor</i>	Grosime radiala izolatie <i>Radial thickness of insulation</i> mm	Grosime radiala manta <i>Radial thickness of sheath</i> mm	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
19x1	re	0.6	1.8	18.1	15.9	374
19x1.5	re	0.7	1.8	12.1	18.0	493
19x2.5	re	0.7	1.8	7.41	20.0	698
21x1	re	0.6	1.8	18.1	18.2	422
21x1.5	re	0.7	1.8	12.1	20.7	556
21x2.5	re	0.7	1.8	7.41	23.5	808
24x1	re	0.6	1.8	18.1	18.2	460
24x1.5	re	0.7	1.8	12.1	20.7	609
24x2.5	re	0.7	1.8	7.41	23.5	891
27x1	re	0.6	1.8	18.1	18.5	501
27x1.5	re	0.7	1.8	12.1	21.1	666
27x2.5	re	0.7	1.8	7.41	24.0	978
30x1	re	0.6	1.8	18.1	19.1	544
30x1.5	re	0.7	1.8	12.1	21.8	726
30x2.5	re	0.7	1.8	7.41	24.8	1069
33x1	re	0.6	1.8	18.1	19.8	588
33x1.5	re	0.7	1.8	12.1	23.0	811
33x2.5	re	0.7	1.8	7.41	25.7	1162
37x1	re	0.6	1.8	18.1	20.5	645
37x1.5	re	0.7	1.8	12.1	23.9	890
37x2.5	re	0.7	1.8	7.41	26.7	1282
42x1	re	0.6	1.8	18.1	26.4	788
42x1.5	re	0.7	1.8	12.1	28.4	1028
48x1	re	0.6	1.8	18.1	26.9	869
48x1.5	re	0.7	1.8	12.1	28.9	1140
52x1	re	0.6	1.8	18.1	27.6	926
52x1.5	re	0.7	1.8	12.1	29.7	1219
56x1	re	0.6	1.8	18.1	28.4	990
56x1.5	re	0.7	1.9	12.1	30.5	1299
61x1	re	0.6	1.8	18.1	29.2	1056
61x1.5	re	0.7	1.9	12.1	31.4	1397