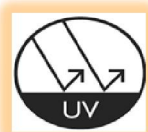
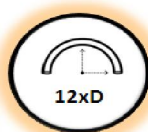
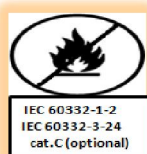
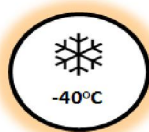
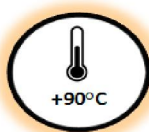
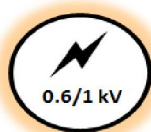


**CS2XAbY(-F) 0.6/1 kV**



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

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



**Standard de fabricatie:** ST 147  
**Tensiune nominala U<sub>o</sub>/U:** 0.6/1 kV  
**Capacitate mutuala :** la 800Hz :100 nF/km

**Production standard:** ST 147  
**Rated voltage U<sub>o</sub>/U :** 0.6/1 kV  
**Mutual capacity:** at 800 Hz: 100 nF/km

**Domeniul de utilizare**

Cablurile se utilizeaza pentru comanda si semnalizare in instalatii electroenergetice si aplicatii similare. Cablurile pot fi pozate in spatii inchise si deschise, in pamant, in canale, in beton .

**Applicability :**

Control and transmittal of signals in power generation & supply facilities and similar applications. The cables can be installed in open or confined areas, underground, in sewers, in concrete.

**Temperatura max. in functionarea de durata:** +90°C  
**Temperatura max. in scurtcircuit (5 sec):** +250°C  
**Temperatura de utilizare normala:** -30°C÷+80°C  
**Temperatura minima de montaj:** -5°C

**Max. temperature in long-run operation:** +90 °C  
**Max. conductor temperature in short-circuit (5 sec):** +250°C  
**Normal operational temperature range:** -30°C÷+80°C

\* Cablurile sunt cu rezistenta la radiatii UV

**Minimum temperature during installation:** -5°C  
\* UV resistant cables

**Conductor de cupru**

Conductor unifilar (re), SR EN 60228

**Copper conductor**

Solid conductor (re), SR EN 60228

**Izolatia:** polietilena reticulata (XLPE)

**Insulation:** crosslinked polyethylene (XLPE)

**Manta interioara:** PVC

**Inner sheath:** PVC

**Armatura**

Banda de otel laminata la rece nezincata sau zincata de grosime minima 0.2 mm.

**Armor**

Blank or zinc-plated cold-rolled steel tape of min. 0.2 mm in thickness.

**Manta exterioara:** PVC

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.

**Sheath:** PVC

Flame retardant or extra flame retardant cables; test according to SR EN 60332-1-2 or SR EN 60332-3-24/C category.

**Marcaj pe manta**

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

**Sheath marking**

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

**Raza minima de curbura la instalare**

12 x diametrul cablului

**Raza minima de curbura la instalare**

12 x cable diameter

**Forta maxima de tractiune la pozare**

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

**Max. tensile strain during installation**

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.

**Color coding :**

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

## CS2XAbY(-F) 0.6/1 kV



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

**Armored signal cable with XLPE 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		Diametru exterior nominal <i>Nominal outer diameter</i> mm	Rezistenta electrica, max la 20°C <i>Max. Resistance at 20°C</i> Ω/km	Masa inf <i>Mass inf</i> kg/km
			Int.	Ext.			
2x1	re	0.7	0.8	1.4	10.5	18.1	338
2x1.5	re	0.7	0.8	1.4	11.0	12.1	374
2x2.5	re	0.7	0.8	1.4	11.8	7.41	437
2x4	re	0.7	0.8	1.4	12.7	4.61	517
2x6	re	0.7	0.8	1.4	13.9	3.08	610
3x1	re	0.7	0.8	1.4	10.9	18.1	411
3x1.5	re	0.7	0.8	1.4	11.4	12.1	407
3x2.5	re	0.7	0.8	1.4	12.3	7.41	482
3x4	re	0.7	0.8	1.4	13.3	4.61	578
3x6	re	0.7	0.8	1.4	14.6	3.08	690
4x1	re	0.7	0.8	1.4	11.5	18.1	367
4x1.5	re	0.7	0.8	1.4	12.2	12.1	460
4x2.5	re	0.7	0.8	1.4	13.1	7.41	550
4x4	re	0.7	0.8	1.4	14.2	4.61	665
4x6	re	0.7	0.8	1.4	15.6	3.08	802
5x1	re	0.7	0.8	1.4	12.2	18.1	465
5x1.5	re	0.7	0.8	1.4	12.9	12.1	523
5x2.5	re	0.7	0.8	1.4	14.0	7.41	631
5x4	re	0.7	0.8	1.4	15.2	4.61	776
5x6	re	0.7	0.8	1.4	16.8	3.08	937
7x1	re	0.7	0.8	1.4	13.0	18.1	519
7x1.5	re	0.7	0.8	1.4	13.8	12.1	586
7x2.5	re	0.7	0.8	1.4	15.0	7.41	716
7x4	re	0.7	0.8	1.4	16.3	4.61	887
7x6	re	0.7	0.8	1.4	18.0	3.08	1105
9x1	re	0.7	0.8	1.4	15.0	18.1	774
9x1.5	re	0.7	0.8	1.4	16.0	12.1	811
9x2.5	re	0.7	0.8	1.4	17.5	7.41	985
9x4	re	0.7	0.8	1.4	19.2	4.61	1210
9x6	re	0.7	0.8	1.4	21.1	3.08	1307
12x1	re	0.7	0.8	1.4	15.9	18.1	854
12x1.5	re	0.7	0.8	1.4	16.9	12.1	918
12x2.5	re	0.7	0.8	1.4	18.6	7.41	1129
12x4	re	0.7	0.8	1.8	21.3	4.61	1450
14x1	re	0.7	0.8	1.4	16.6	18.1	909
14x1.5	re	0.7	0.8	1.4	17.6	12.1	999

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

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Tipodimensiune cablu <i>Cable size</i>	Tip conductor <i>Type of conductor</i>	Grosime radiala izolatii <i>Radial thickness of insulation</i> mm	Grosime radiala manta <i>Radial thickness of sheath</i> mm		Diametru exterior nominal <i>Nominal outer diameter</i> mm	Rezistenta electrica, max la 20°C <i>Max. Resistance at 20°C</i> Ω/km	Masa inf <i>Mass inf</i> kg/km
			Int.	Ext.			
14x2.5	re	0.7	0.8	1.4	19.4	7.41	1236
16x1	re	0.7	0.8	1.4	17.3	18.1	973
16x1.5	re	0.7	0.8	1.4	18.4	12.1	1092
16x2.5	re	0.7	1.0	1.4	20.7	7.41	1384
19x1	re	0.7	0.8	1.4	18.1	18.1	1043
19x1.5	re	0.7	0.8	1.4	19.3	12.1	1194
19x2.5	re	0.7	1.0	1.4	21.7	7.41	1522
21x1	re	0.7	1.0	1.4	21.0	18.1	1207
21x1.5	re	0.7	1.0	1.8	23.2	12.1	1428
21x2.5	re	0.7	1.0	1.8	25.6	7.41	1774
24x1	re	0.7	1.0	1.4	21.0	18.1	1247
24x1.5	re	0.7	1.0	1.8	23.2	12.1	1481
24x2.5	re	0.7	1.0	1.8	25.6	7.41	1857
27x1	re	0.7	1.0	1.8	22.2	18.1	1351
27x1.5	re	0.7	1.0	1.8	23.6	12.1	1555
27x2.5	re	0.7	1.0	1.8	26.1	7.41	1962
30x1	re	0.7	1.0	1.8	22.8	18.1	1422
30x1.5	re	0.7	1.0	1.8	24.3	12.1	1642
30x2.5	re	0.7	1.0	1.8	26.9	7.41	2084
33x1	re	0.7	1.0	1.8	23.6	18.1	1502
33x1.5	re	0.7	1.0	1.8	25.1	12.1	1739
33x2.5	re	0.7	1.0	1.8	27.8	7.41	2219
37x1	re	0.7	1.0	1.8	24.3	18.1	1587
37x1.5	re	0.7	1.0	1.8	26.0	12.1	1844
37x2.5	re	0.7	1.0	1.8	28.8	7.41	2366
42x1	re	0.7	1.0	1.8	26.8	18.1	1774
42x1.5	re	0.7	1.0	1.8	28.6	12.1	2057
48x1	re	0.7	1.0	1.8	27.2	18.1	1873
48x1.5	re	0.7	1.0	1.8	29.0	12.1	2185
52x1	re	0.7	1.0	1.8	27.9	18.1	1958
52x1.5	re	0.7	1.2	1.8	30.1	12.1	2324
56x1	re	0.7	1.0	1.8	28.6	18.1	2051
56x1.5	re	0.7	1.2	1.8	30.9	12.1	2439
61x1	re	0.7	1.2	1.8	29.8	18.1	2183
61x1.5	re	0.7	1.2	2.2	32.6	12.1	2630