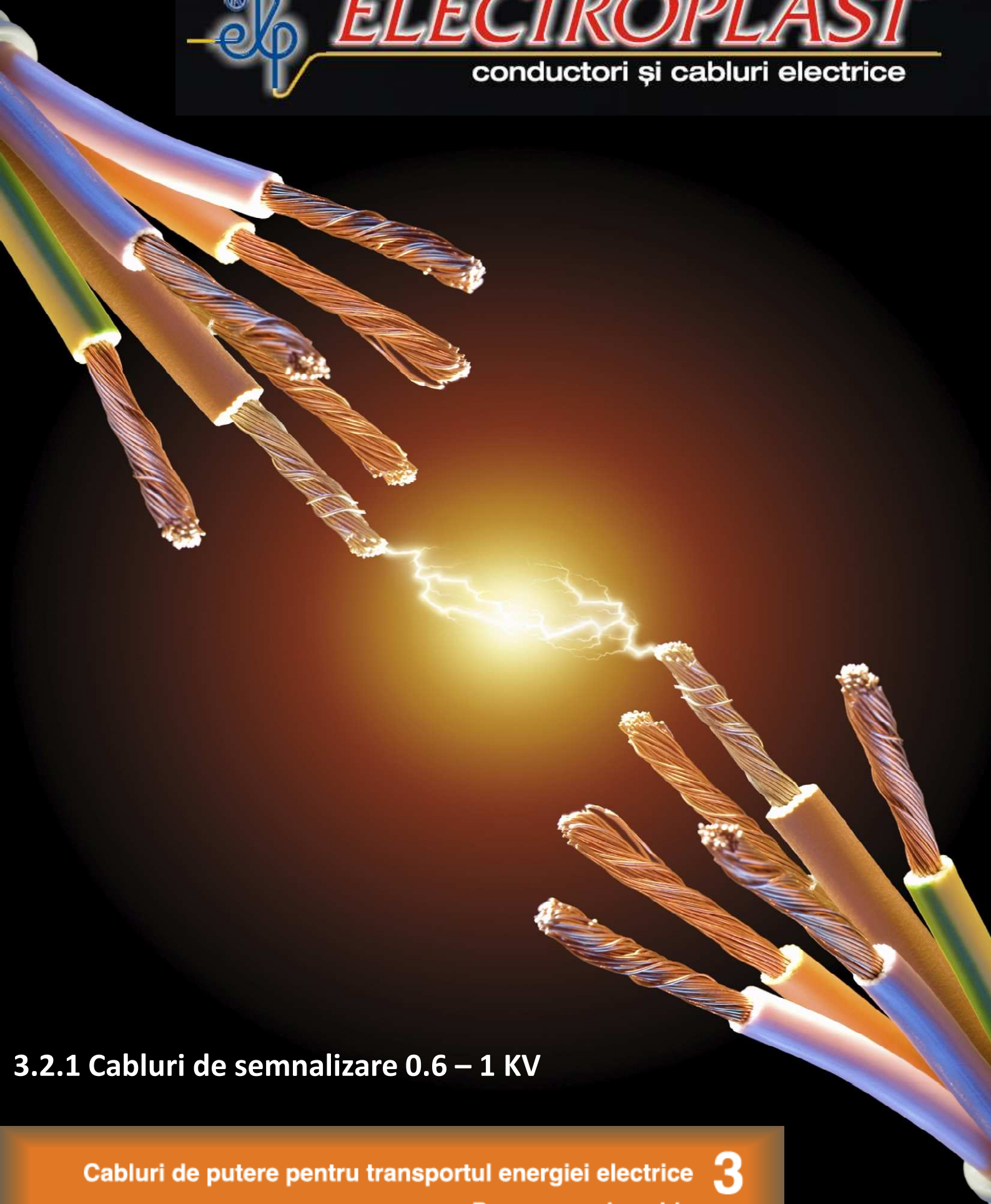




ELECTROPLAST

conductori și cabluri electrice



3.2.1 Cabluri de semnalizare 0.6 – 1 KV

Cabluri de putere pentru transportul energiei electrice

Power supply cable

3

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Cablu de semnalizare cu izolatie si manta de PVC;

Standard de fabricatie: ST 106 ; IEC 502 ; HD 603 S1

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 ,in apa

Conductor de cupru

Conductor unifilar (re), SR EN 60228

Izolatie

PVC tip YI1 sau IF

Manta

PVC tip YM1 sau MF negru respectiv gri

Cablurile sunt cu intarziere respectiv intarziere marita la propagarea flacarii ,incercare conf

SR EN 332-1-2 sau SR EN 50266-4-2 categoria C

Marcaj pe manta

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

Raza minima de curbura la instalare

8xdiametrul cablului

Forta maxima de tractiune la pozare

50 N/mm²

Cod de culori

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

PVC – insulated and sheathed signal cables

Standard: ST 106 ; IEC 502,HD 603 S1

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, under water

Copper conductor

Monowire conductor (re), SR EN 60228

Insulation

PVC type YI1 or IF

Sheath

PVC type YM1 or MF black and gray

The cables are flame retardant or extra flame retardant ; test according to SR EN 332-1-2 or

SR EN 50266-4-2 / Category C.

Sheath marking

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

Min. bending radius at installation :

8 x cable diameter

Max. tensile strain during installation :

50 N/mm²

Color coding :

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



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

**PVC – insulated and sheathed signal
cables**

Tipodi- mensiune 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	0.8	1.8	18.1	9.3	122
2x1.5	re	0.8	1.8	12.1	9.8	142
2x2.5	re	0.8	1.8	7.41	10.6	178
2x4	re	1.0	1.8	4.61	12.3	251
2x6	re	1.0	1.8	3.08	13.5	323
2x10	re	1.0	1.8	1.83	15.1	443
3x1	re	0.8	1.8	18.1	9.7	139
3x1.5	re	0.8	1.8	12.1	10.2	164
3x2.5	re	0.8	1.8	7.41	11.1	210
3x4	re	1.0	1.8	4.61	13.0	300
3x6	re	1.0	1.8	3.08	14.3	391
3x10	re	1.0	1.8	1.83	16.0	549
4x1	re	0.8	1.8	18.1	10.4	175
4x1.5	re	0.8	1.8	12.1	11.0	195
4x2.5	re	0.8	1.8	7.41	12.0	253
4x4	re	1.0	1.8	4.61	14.1	367
4x6	re	1.0	1.8	3.08	15.5	482
4x10	re	1.0	1.8	1.83	17.5	685
5x1	re	0.8	1.8	18.1	11.2	195
5x1.5	re	0.8	1.8	12.1	11.8	234
5x2.5	re	0.8	1.8	7.41	12.9	305
5x4	re	1.0	1.8	4.61	15.3	445
5x6	re	1.0	1.8	3.08	16.9	587
5x10	re	1.0	1.8	1.83	19.0	838
7x1	re	0.8	1.8	18.1	12.0	230
7x1.5	re	0.8	1.8	12.1	12.7	279
7x2.5	re	0.8	1.8	7.41	13.9	371
7x4	re	1.0	1.8	4.61	16.6	552
7x6	re	1.0	1.8	3.08	18.3	729
7x10	re	1.0	1.8	1.83	20.7	1059
9x1	re	0.8	1.8	18.1	14.6	268
9x1.5	re	0.8	1.8	12.1	15.5	326
9x2.5	re	0.8	1.8	7.41	17.0	435
9x4	re	1.0	1.8	4.61	20.4	639
9x6	re	1.0	1.8	3.08	22.3	843
9x10	re	1.0	2.0	1.83	25.8	1261
12x1	re	0.8	1.8	18.1	15.6	326
12x1.5	re	0.8	1.8	12.1	16.6	401
12x2.5	re	0.8	1.8	7.41	18.3	544
12x4	re	1.0	1.8	4.61	21.9	808



Cablu de semnalizare cu izolatie si manta de PVC;

PVC – insulated and sheathed signal cables

Tipodi- mensiune 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
12x6	re	1.0	1.8	3.08	24.0	1076
12x10	re	1.0	2.0	1.83	27.8	1620
14x1	re	0.8	1.8	18.1	16.2	366
14x1.5	re	0.8	1.8	12.1	17.3	452
14x2.5	re	0.8	1.8	7.41	19.1	617
16x1	re	0.8	1.8	18.1	17.0	406
16x1.5	re	0.8	1.8	12.1	18.2	504
16x2.5	re	0.8	1.8	7.41	20.1	691
19x1	re	0.8	1.8	18.1	17.9	461
19x1.5	re	0.8	1.8	12.1	19.1	575
19x2.5	re	0.8	1.8	7.41	21.1	794
21x1	re	0.8	1.8	18.1	20.6	522
21x1.5	re	0.8	1.8	12.1	22.1	650
21x2.5	re	0.8	2.0	7.41	24.9	918
24x1	re	0.8	1.8	18.1	20.6	569
24x1.5	re	0.8	1.8	12.1	22.1	713
24x2.5	re	0.8	2.0	7.41	24.9	1011
27x1	re	0.8	1.8	18.1	21.0	625
27x1.5	re	0.8	1.8	12.1	22.5	786
27x2.5	re	0.8	2.0	7.41	25.4	1118
30x1	re	0.8	1.8	18.1	21.7	681
30x1.5	re	0.8	1.8	12.1	23.3	859
30x2.5	re	0.8	2.0	7.41	26.3	1225
33x1	re	0.8	1.8	18.1	22.5	738
33x1.5	re	0.8	1.9	12.1	24.6	956
33x2.5	re	0.8	2.0	7.41	27.2	1225
37x1	re	0.8	1.8	18.1	23.3	812
37x1.5	re	0.8	2.0	12.1	25.5	1053
37x2.5	re	0.8	2.0	7.41	28.3	1472
42x1	re	0.8	1.9	18.1	26.4	945
42x1.5	re	0.8	2.0	12.1	28.4	1194
48x1	re	0.8	2.0	18.1	26.9	1048
48x1.5	re	0.8	2.0	12.1	28.9	1330
52x1	re	0.8	2.0	18.1	27.6	1122
52x1.5	re	0.8	2.0	12.1	29.7	1426
56x1	re	0.8	2.0	18.1	28.4	1196
56x1.5	re	0.8	2.0	12.1	30.5	1517
61x1	re	0.8	2.0	18.1	29.2	1286
61x1.5	re	0.8	2.0	12.1	31.4	1641



Cablu de semnalizare cu izolatie si manta de PVC;

Standard de fabricatie: ST 106 ; IEC 502 ; HD 603 S1

Tensiune nominala Uo/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 ,in apa

Conductor de cupru

Conductor unifilar sau multifilar conf SR EN 60228

Izolatie

PVC tip YI1 sau IF

Manta

PVC tip YM1 sau MF negru respectiv gri

Cablurile sunt cu intarziere respectiv intarziere marita la propagarea flacarilor ,incercare conf SR EN 332-1-2 sau SR EN 50266-4-2 categoria C

Marcaj pe manta

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

Raza minima de curbura la instalare

8xdiametrul cablului

Forta maxima de tractiune la pozare

50 N/mm²

Cod de culori

- Conductoare negre numerotate din interior spre exterior, ultimul conductor in exterior este verde-galben
- Conductoare negre numerotate din interior spre exterior

PVC – insulated and sheathed signal cables

Standard: ST 106 ; IEC 502, HD 603 S1

Rated voltage Uo/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, under water

Copper conductor

Monowire conductor or multiwire, SR EN 60228

Insulation

PVC type YI1 or IF

Sheath

PVC type YM1 or MF black and gray

The cables are flame retardant or extra flame retardant ; test according to SR EN 332-1-2 or SR EN 50266-4-2 / Category C.

Sheath marking

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

Min. bending radius at installation :

8 x cable diameter

Max. tensile strain during installation :

50 N/mm²

Color coding :

- Black conductors numbered from the inside out, last outer conductor yellow-green
- Black conductors numbered from the inside out.



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

**PVC – insulated and sheathed signal
cables**

Tipodi- mensiune 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	0.8	1.8	18.1	9.3	122
2x1.5	re	0.8	1.8	12.1	9.8	142
2x2.5	re	0.8	1.8	7.41	10.6	178
2x4	re	1.0	1.8	4.61	12.3	251
2x6	re	1.0	1.8	3.08	13.5	323
2x10	re	1.0	1.8	1.83	15.1	443
3x1	re	0.8	1.8	18.1	9.7	139
3x1.5	re	0.8	1.8	12.1	10.2	164
3x2.5	re	0.8	1.8	7.41	11.1	210
3x4	re	1.0	1.8	4.61	13.0	300
3x6	re	1.0	1.8	3.08	14.3	391
3x10	re	1.0	1.8	1.83	16.0	549
4x1	re	0.8	1.8	18.1	10.4	175
4x1.5	re	0.8	1.8	12.1	11.0	195
4x2.5	re	0.8	1.8	7.41	12.0	253
4x4	re	1.0	1.8	4.61	14.1	367
4x6	re	1.0	1.8	3.08	15.5	482
4x10	re	1.0	1.8	1.83	17.5	685
5x1	re	0.8	1.8	18.1	11.2	195
5x1.5	re	0.8	1.8	12.1	11.8	234
5x2.5	re	0.8	1.8	7.41	12.9	305
5x4	re	1.0	1.8	4.61	15.3	445
5x6	re	1.0	1.8	3.08	16.9	587
5x10	re	1.0	1.8	1.83	19.0	838
7x1	re	0.8	1.8	18.1	12.0	230
7x1.5	re	0.8	1.8	12.1	12.7	279
7x2.5	re	0.8	1.8	7.41	13.9	371
7x4	re	1.0	1.8	4.61	16.6	552
7x6	re	1.0	1.8	3.08	18.3	729
7x10	re	1.0	1.8	1.83	20.7	1059
9x1	re	0.8	1.8	18.1	14.6	268
9x1.5	re	0.8	1.8	12.1	15.5	326
9x2.5	re	0.8	1.8	7.41	17.0	435
9x4	re	1.0	1.8	4.61	20.4	639
9x6	re	1.0	1.8	3.08	22.3	843
9x10	re	1.0	2.0	1.83	25.8	1261
12x1	re	0.8	1.8	18.1	15.6	326
12x1.5	re	0.8	1.8	12.1	16.6	401
12x2.5	re	0.8	1.8	7.41	18.3	544
12x4	re	1.0	1.8	4.61	21.9	808



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

**PVC – insulated and sheathed signal
cables**

Tipodi- mensiune 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
12x6	re	1.0	1.8	3.08	24.0	1076
12x10	re	1.0	2.0	1.83	27.8	1620
14x1	re	0.8	1.8	18.1	16.2	366
14x1.5	re	0.8	1.8	12.1	17.3	452
14x2.5	re	0.8	1.8	7.41	19.1	617
16x1	re	0.8	1.8	18.1	17.0	406
16x1.5	re	0.8	1.8	12.1	18.2	504
16x2.5	re	0.8	1.8	7.41	20.1	691
19x1	re	0.8	1.8	18.1	17.9	461
19x1.5	re	0.8	1.8	12.1	19.1	575
19x2.5	re	0.8	1.8	7.41	21.1	794
21x1	re	0.8	1.8	18.1	20.6	522
21x1.5	re	0.8	1.8	12.1	22.1	650
21x2.5	re	0.8	2.0	7.41	24.9	918
24x1	re	0.8	1.8	18.1	20.6	569
24x1.5	re	0.8	1.8	12.1	22.1	713
24x2.5	re	0.8	2.0	7.41	24.9	1011
27x1	re	0.8	1.8	18.1	21.0	625
27x1.5	re	0.8	1.8	12.1	22.5	786
27x2.5	re	0.8	2.0	7.41	25.4	1118
30x1	re	0.8	1.8	18.1	21.7	681
30x1.5	re	0.8	1.8	12.1	23.3	859
30x2.5	re	0.8	2.0	7.41	26.3	1225
33x1	re	0.8	1.8	18.1	22.5	738
33x1.5	re	0.8	1.9	12.1	24.6	956
33x2.5	re	0.8	2.0	7.41	27.2	1225
37x1	re	0.8	1.8	18.1	23.3	812
37x1.5	re	0.8	2.0	12.1	25.5	1053
37x2.5	re	0.8	2.0	7.41	28.3	1472
42x1	re	0.8	1.9	18.1	26.4	945
42x1.5	re	0.8	2.0	12.1	28.4	1194
48x1	re	0.8	2.0	18.1	26.9	1048
48x1.5	re	0.8	2.0	12.1	28.9	1330
52x1	re	0.8	2.0	18.1	27.6	1122
52x1.5	re	0.8	2.0	12.1	29.7	1426
56x1	re	0.8	2.0	18.1	28.4	1196
56x1.5	re	0.8	2.0	12.1	30.5	1517
61x1	re	0.8	2.0	18.1	29.2	1286
61x1.5	re	0.8	2.0	12.1	31.4	1641

CS2XY(-F) 0.6/1 kV



Cablu de semnalizare cu izolatie din XLPE si manta de PVC ;

XLPE- insulation and PVC sheathed signal cables

Standard de fabricatie: ST 106 ; IEC 502 ; HD 603 S1

Tensiune nominala U₀/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 ,in apa

Conductor de cupru

Conductor unifilar (re), SR EN 60228

Izolatie XLPE

Manta

PVC tip YM1 sau MF negru respectiv gri

Cablurile sunt cu intarziere respectiv intarziere marita la propagarea flacarilor ,incercare conf

SR EN 332-1-2 sau SR EN 50266-4-2 categoria C

Marcaj pe manta

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

Raza minima de curbura la instalare

8x diametrul cablului

Forta maxima de tractiune la pozare

50 N/mm²

Cod de culori

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

Standard: ST 106 ; IEC 502, HD 603 S1

Rated voltage U₀/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, under water

Copper conductor

Monowire conductor (re), SR EN 60228

Insulation XLPE

Sheath

PVC type YM1 or MF black and gray

The cables are flame retardant or extra flame retardant ; test according to SR EN 332-1-2 or SR EN 50266-4-2 / Category C.

Sheath marking

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

Min. bending radius at installation :

8 x cable diameter

Max. tensile strain during installation :

50 N/mm²

Color coding :

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

CS2XY(-F) 0.6/1 kV

Cablu de semnalizare cu izolatie
din XLPE si manta de PVC ;

XLPE- insulation and PVC sheathed signal
cables

Tipodi- mensiune cablu Cable size	Tip conductor Type of conductor	Grosime radiala izolatii Radial thickness of insulation mm	Grosime radiala manta Radial thickness of sheath mm	Rezistenta electrica max,la 20°C Max. Resistance at 20°C Ω/km	Diametru exterior nominal Nominal outer diameter mm	Masa inf Mass inf kg/km
2x1	re	0.7	1.8	18.1	9.3	99
2x1.5	re	0.7	1.8	12.1	9.8	114
2x2.5	re	0.7	1.8	7.41	10.6	141
2x4	re	0.7	1.8	4.61	11.5	179
2x6	re	0.7	1.8	3.08	12.5	228
2x10	re	0.7	1.8	1.83	15.0	332
3x1	re	0.7	1.8	18.1	9.7	117
3x1.5	re	0.7	1.8	12.1	10.2	136
3x2.5	re	0.7	1.8	7.41	11.1	174
3x4	re	0.7	1.8	4.61	12.1	228
3x6	re	0.7	1.8	3.08	13.2	296
3x10	re	0.7	1.8	1.83	15.9	443
4x1	re	0.7	1.8	18.1	10.4	136
4x1.5	re	0.7	1.8	12.1	11.0	162
4x2.5	re	0.7	1.8	7.41	11.9	210
4x4	re	0.7	1.8	4.61	13.1	279
4x6	re	0.7	1.8	3.08	14.3	369
4x10	re	0.7	1.8	1.83	17.3	558
5x1	re	0.7	1.8	18.1	11.1	158
5x1.5	re	0.7	1.8	12.1	11.7	187
5x2.5	re	0.7	1.8	7.41	12.8	247
5x4	re	0.7	1.8	4.61	14.1	332
5x6	re	0.7	1.8	3.08	15.5	442
5x10	re	0.7	1.8	1.83	18.8	675
7x1	re	0.7	1.8	18.1	11.8	189
7x1.5	re	0.7	1.8	12.1	12.8	234
7x2.5	re	0.7	1.8	7.41	14.0	315
7x4	re	0.7	1.8	4.61	15.4	430
7x6	re	0.7	1.8	3.08	16.9	579
7x10	re	0.7	1.8	1.83	20.4	895
9x1	re	0.7	1.8	18.1	13.8	236
9x1.5	re	0.7	1.8	12.1	14.8	291
9x2.5	re	0.7	1.8	7.41	16.3	395
9x4	re	0.7	1.8	4.61	18.1	544
9x6	re	0.7	1.8	3.08	20.0	737
9x10	re	0.7	1.8	1.83	24.7	1141
12x1	re	0.7	1.8	18.1	14.8	285
12x1.5	re	0.7	1.8	12.1	15.8	356
12x2.5	re	0.7	1.8	7.41	17.5	491
12x4	re	0.7	1.8	4.61	19.4	685

CS2XY(-F) 0.6/1 kV

**Cablu de semnalizare cu izolatie
din XLPE si manta de PVC ;**

**XLPE- insulation and PVC sheathed signal
cables**

Tipodi- mensiune 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
12x6	re	0.7	1.8	3.08	21.5	938
12x10	re	0.7	1.8	1.83	26.7	1466
14x1	re	0.7	1.8	18.1	15.4	318
14x1.5	re	0.7	1.8	12.1	16.5	399
14x2.5	re	0.7	1.8	7.41	18.3	555
16x1	re	0.7	1.8	18.1	16.1	351
16x1.5	re	0.7	1.8	12.1	17.3	444
16x2.5	re	0.7	1.8	7.41	19.2	621
19x1	re	0.7	1.8	18.1	16.9	399
19x1.5	re	0.7	1.8	12.1	18.1	507
19x2.5	re	0.7	1.8	7.41	20.1	715
21x1	re	0.7	1.8	18.1	19.4	450
21x1.5	re	0.7	1.8	12.1	20.9	571
21x2.5	re	0.7	1.8	7.41	23.3	802
24x1	re	0.7	1.8	18.1	19.4	490
24x1.5	re	0.7	1.8	12.1	20.9	626
24x2.5	re	0.7	1.8	7.41	23.3	887
27x1	re	0.7	1.8	18.1	19.8	533
27x1.5	re	0.7	1.8	12.1	21.3	685
27x2.5	re	0.7	1.8	7.41	23.8	977
30x1	re	0.7	1.8	18.1	20.4	580
30x1.5	re	0.7	1.8	12.1	22.0	747
30x2.5	re	0.7	1.8	7.41	24.6	1069
33x1	re	0.7	1.8	18.1	21.2	627
33x1.5	re	0.7	1.8	12.1	22.9	809
33x2.5	re	0.7	1.8	7.41	25.5	1163
37x1	re	0.7	1.8	18.1	21.4	687
37x1.5	re	0.7	1.8	12.1	23.7	891
37x2.5	re	0.7	1.8	7.41	26.5	1285
42x1	re	0.7	1.8	18.1	24.5	778
42x1.5	re	0.7	1.8	12.1	26.5	1009
48x1	re	0.7	1.8	18.1	24.9	862
48x1.5	re	0.7	1.8	12.1	26.9	1124
52x1	re	0.7	1.8	18.1	25.5	921
52x1.5	re	0.7	1.8	12.1	27.6	1204
56x1	re	0.7	1.8	18.1	26.2	981
56x1.5	re	0.7	1.9	12.1	28.6	1299
61x1	re	0.7	1.8	18.1	27.0	1055
61x1.5	re	0.7	1.9	12.1	29.4	1399



ELECTROPLAST

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Cablu de semnalizare cu izolatie si manta de PVC, armate

Standard de fabricatie: ST 106 ,IEC 502

Tensiune nominala U₀/U : 0.6/1 kV

Domeniul de utilizare

Cablurile sunt utilizate in instalatii electroenergetice si similare cu solicitari mecanice mari.

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

Temperatura de utilizare normala este de -30°C÷+60°C

Temperatura minima de montaj este de +5°C

Conductor de cupru

Conductor unifilar (re), SR HD 383

Izolatie

PVC tip YI1 sau IF pentru cablurile cu rezistenta marita la propagarea flacarii

Manta interioara

PVC tip YM1 sau MF pentru cablurile cu rezistenta marita la propagarea flacarii de culoare neagra sau gri.

Armatura

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

Manta exterioara

PVC tip YM1 sau MF pentru cablurile cu rezistenta marita la propagarea flacarii de culoare neagra sau gri.

Cablurile sunt cu intarziere sau intarziere marita la propagarea flacarii ;incercare conf SR EN 332-1-2 sau SR EN 50266-2-4/cat 3

Marcaj pe manta

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

Raza minima de curbura la instalare

10xdiametrul cablului

Forta maxima de tractiune la pozare

50 N/mm²

Cod de culori

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

PVC – insulated and sheathed signal cable armored

Standard: ST 106,IEC 502

Rated voltage U₀/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, under water

Normal operational temperature range : -30°C÷+60°C

Minimum temperature during installation : +5°C

Copper conductor

Monowire conductor (re) SR HD 383

Insulation

PVC type YI1 or F for extra flame retardant cables

Inner sheath

PVC type YM1 or MF for extra flame retardant cables, black or gray

Aarmor

Blank or zinc-plated cold-rolled tape, min. thickness 0.2 mm.

Outer sheath

PVC type YM1 or MF for extra flame retardant cables, black or gray

The cables are flame retardant or extra flame retardant ; test according to SR EN 332-1-2 or SR EN 50266-2-4/ Category C.

Sheath marking

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

Min. bending radius at installation

10 x cable diameter

Max. tensile strain during installation :

50 N/mm²

Color coding :

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



**Cablu de semnalizare cu izolatie si
manta de PVC, armate**

**PVC – insulated and sheathed signal cable
armored**

Tipodi- mensiune 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	0.8	0.8	1.4	10.9	18.1	206
2x1.5	re	0.8	0.8	1.4	11.5	12.1	234
2x2.5	re	0.8	0.8	1.4	12.3	7.41	278
2x4	re	1.0	0.8	1.4	14.0	4.61	370
2x6	re	1.0	0.8	1.4	15.2	3.08	426
3x1	re	0.8	0.8	1.4	11.3	18.1	228
3x1.5	re	0.8	0.8	1.4	11.9	12.1	261
3x2.5	re	0.8	0.8	1.4	12.8	7.41	316
3x4	re	1.0	0.8	1.4	14.7	4.61	426
3x6	re	1.0	0.8	1.4	16.0	3.08	504
4x1	re	0.8	0.8	1.4	12.0	18.1	260
4x1.5	re	0.8	0.8	1.4	12.7	12.1	301
4x2.5	re	0.8	0.8	1.4	13.7	7.41	369
4x4	re	1.0	0.8	1.4	15.8	4.61	505
4x6	re	1.0	0.8	1.4	17.2	3.08	604
5x1	re	0.8	0.8	1.4	12.8	18.1	296
5x1.5	re	0.8	0.8	1.4	13.5	12.1	345
5x2.5	re	0.8	0.8	1.4	14.6	7.41	427
5x4	re	1.0	0.8	1.4	17.0	4.61	591
5x6	re	1.0	0.8	1.4	18.6	3.08	742
7x1	re	0.8	0.8	1.4	13.6	18.1	338
7x1.5	re	0.8	0.8	1.4	14.4	12.1	398
7x2.5	re	0.8	0.8	1.4	15.6	7.41	502
7x4	re	1.0	0.8	1.4	18.3	4.61	705
7x6	re	1.0	0.8	1.4	20.0	3.08	905
9x1	re	0.8	0.8	1.4	16.2	18.1	401
9x1.5	re	0.8	0.8	1.4	17.2	12.1	473
9x2.5	re	0.8	0.8	1.4	18.7	7.41	597
9x4	re	1.0	0.8	1.4	22.1	4.61	835
9x6	re	1.0	0.8	1.4	24.2	3.08	1080
12x1	re	0.8	0.8	1.4	17.2	18.1	470
12x1.5	re	0.8	0.8	1.4	18.3	12.1	559
12x2.5	re	0.8	0.8	1.4	20.0	7.41	718
12x4	re	1.0	0.8	1.8	24.4	4.61	1065
14x1	re	0.8	0.8	1.4	17.8	18.1	515
14x1.5	re	0.8	0.8	1.4	19.0	12.1	618
14x2.5	re	0.8	0.8	1.4	20.8	7.41	800
16x1	re	0.8	0.8	1.4	18.6	18.1	564
16x1.5	re	0.8	0.8	1.4	19.9	12.1	678
16x2.5	re	0.8	1.0	1.4	22.2	7.41	907



**Cablu de semnalizare cu izolatie si
manta de PVC, armate**

**PVC – insulated and sheathed signal cable
armored**

Tipodi- mensiune 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 .			
19x1	re	0.8	0.8	1.4	19.5	18.1	629
19x1.5	re	0.8	0.8	1.4	20.8	12.1	761
19x2.5	re	0.8	1.0	1.4	23.2	7.41	1025
21x1	re	0.8	1.0	1.4	22.6	18.1	739
21x1.5	re	0.8	1.0	1.8	25.0	12.1	936
21x2.5	re	0.8	1.0	1.8	27.4	7.41	1211
24x1	re	0.8	1.0	1.4	22.6	18.1	788
24x1.5	re	0.8	1.0	1.8	25.0	12.1	1002
24x2.5	re	0.8	1.0	1.8	27.4	7.41	1309
27x1	re	0.8	1.0	1.8	23.8	18.1	891
27x1.5	re	0.8	1.0	1.8	25.4	12.1	1077
27x2.5	re	0.8	1.0	1.8	27.9	7.41	1417
30x1	re	0.8	1.0	1.8	24.5	18.1	956
30x1.5	re	0.8	1.0	1.8	26.2	12.1	1160
30x2.5	re	0.8	1.0	1.8	28.8	7.41	1534
33x1	re	0.8	1.0	1.8	25.3	18.1	1023
33x1.5	re	0.8	1.0	1.8	27.1	12.1	1246
33x2.5	re	0.8	1.0	1.8	29.7	7.41	1653
37x1	re	0.8	1.0	1.8	26.1	18.1	1101
37x1.5	re	0.8	1.0	1.8	28.0	12.1	1246
37x2.5	re	0.8	1.0	1.8	30.8	7.41	1798
42x1	re	0.8	1.0	1.8	28.8	18.1	1243
42x1.5	re	0.8	1.0	1.8	30.8	12.1	1515
48x1	re	0.8	1.0	1.8	29.3	18.1	1351
48x1.5	re	0.8	1.0	1.8	31.3	12.1	1656
52x1	re	0.8	1.0	1.8	30.0	18.1	1433
52x1.5	re	0.8	1.2	1.8	32.5	12.1	1794
56x1	re	0.8	1.0	1.8	30.8	18.1	1516
56x1.5	re	0.8	1.2	1.8	33.3	12.1	1901
61x1	re	0.8	1.2	1.8	32.0	18.1	1648
61x1.5	re	0.8	1.2	2.2	35.0	12.1	2096



Cablu de semnalizare cu izolatie si manta de PVC, ecranat

PVC – insulated and sheathed signal cables, screened

Standard de fabricatie: ST 106,
Tensiune nominala U₀/U : 0.6/1 kV

Standard: ST 106
Rated voltage U₀/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 ,in apa

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, under water

Conductor de cupru

Conductor unifilar (re) sau multifilar(rm) SR EN 60228

Copper conductor

Monowire conductor (re) or multiwire(rm)
SR EN 60228

Izolatie

PVC tip YI1 sau IF

Insulation

PVC type YI1 or IF

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

Screen

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

Manta

PVC tip YM1 sau MF negru respectiv gri

Sheath

PVC type YM1 or MF black or gray

Cablurile sunt cu intarziere respectiv intarziere marita la propagarea flacarilor ,incercare conf SR EN 332-1-2 sau SR EN 50266-2-4, categoria C

The cables are flame retardant or extra flame retardant ; test according to SR EN 332-1-2 or SR EN 50266-2-4/ Category C.

Marcaj pe manta

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

Sheath marking

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

Raza minima de curbura la instalare

8xdiametrul cablului

Min. bending radius at installation

8 x cable diameter

Forta maxima de tractiune la pozare

50 N/mm²

Max. tensile strain during installation :

50 N/mm²

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 a light one, whereas the remaining ones must be white.



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

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

Tipodi- mensiune 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	0.8	1.8	18.1	9.9	111
2x1.5	re	0.8	1.8	12.1	10.4	127
2x2.5	re	0.8	1.8	7.41	11.2	155
2x4	re	1.0	1.8	4.61	12.9	211
2x6	re	1.0	1.8	3.08	13.9	262
2x10	rm	1.0	1.8	1.83	16.4	365
3x1	re	0.8	1.8	18.1	10.3	132
3x1.5	re	0.8	1.8	12.1	10.9	153
3x2.5	re	0.8	1.8	7.41	11.7	193
3x4	re	1.0	1.8	4.61	13.6	269
3x6	re	1.0	1.8	3.08	14.7	341
3x10	rm	1.0	1.8	1.83	17.4	486
4x1	re	0.8	1.8	18.1	11.0	155
4x1.5	re	0.8	1.8	12.1	11.6	183
4x2.5	re	0.8	1.8	7.41	12.6	234
4x4	re	1.0	1.8	4.61	14.7	331
4x6	re	1.0	1.8	3.08	15.9	426
4x10	rm	1.0	1.8	1.83	18.9	612
5x1	re	0.8	1.8	18.1	11.8	179
5x1.5	re	0.8	1.8	12.1	12.5	213
5x2.5	re	0.8	1.8	7.41	13.6	276
5x4	re	1.0	1.8	4.61	15.9	394
5x6	re	1.0	1.8	3.08	17.3	510
5x10	rm	1.0	1.8	1.83	20.6	740
7x1	re	0.8	1.8	18.1	12.6	220
7x1.5	re	0.8	1.8	12.1	13.6	267
7x2.5	re	0.8	1.8	7.41	14.8	352
7x4	re	1.0	1.8	4.61	17.4	512
7x6	re	1.0	1.8	3.08	18.9	670
7x10	rm	1.0	1.8	1.83	22.4	980
9x1	re	0.8	1.8	18.1	14.8	275
9x1.5	re	0.8	1.8	12.1	15.8	333
9x2.5	re	0.8	1.8	7.41	17.3	443
9x4	re	1.0	1.8	4.61	20.6	649
9x6	re	1.0	1.8	3.08	22.5	854
9x10	rm	1.0	2.0	1.83	27.6	1276
12x1	re	0.8	1.8	18.1	15.8	334
12x1.5	re	0.8	1.8	12.1	16.8	410
12x2.5	re	0.8	1.8	7.41	18.5	552
12x4	re	1.0	1.8	4.61	22.1	818
12x6	re	1.0	1.8	3.08	24.2	1087



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

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

Tipodi- mensiune 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
12x10	rm	1.0	2.0	1.83	29.8	1632
14x1	re	0.8	1.8	18.1	16.5	374
14x1.5	re	0.8	1.8	12.1	17.6	461
14x2.5	re	0.8	1.8	7.41	19.3	626
16x1	re	0.8	1.8	18.1	17.3	414
16x1.5	re	0.8	1.8	12.1	18.4	513
16x2.5	re	0.8	1.8	7.41	20.3	700
19x1	re	0.8	1.8	18.1	18.1	472
19x1.5	re	0.8	1.8	12.1	19.3	587
19x2.5	re	0.8	1.8	7.41	21.3	807
21x1	re	0.8	1.8	18.1	20.8	532
21x1.5	re	0.8	1.8	12.1	22.3	661
21x2.5	re	0.8	2.0	7.41	25.1	929
24x1	re	0.8	1.8	18.1	20.8	581
24x1.5	re	0.8	1.8	12.1	22.3	727
24x2.5	re	0.8	2.0	7.41	25.1	1027
27x1	re	0.8	1.8	18.1	21.2	635
27x1.5	re	0.8	1.8	12.1	22.8	797
27x2.5	re	0.8	2.0	7.41	25.6	1130
30x1	re	0.8	1.8	18.1	21.9	691
30x1.5	re	0.8	1.8	12.1	23.5	870
30x2.5	re	0.8	2.0	7.41	26.5	1237
33x1	re	0.8	1.8	18.1	22.7	748
33x1.5	re	0.8	1.9	12.1	24.8	968
33x2.5	re	0.8	2.0	7.41	27.5	1344
37x1	re	0.8	1.8	18.1	23.5	822
37x1.5	re	0.8	2.0	12.1	25.7	1065
37x2.5	re	0.8	2.0	7.41	28.5	1485
42x1	re	0.8	1.9	18.1	26.7	957
42x1.5	re	0.8	2.0	12.1	28.7	1206
48x1	re	0.8	2.0	18.1	27.1	1060
48x1.5	re	0.8	2.0	12.1	29.1	1343
52x1	re	0.8	2.0	18.1	27.8	1134
52x1.5	re	0.8	2.0	12.1	29.9	1439
56x1	re	0.8	2.0	18.1	28.6	1208
56x1.5	re	0.8	2.0	12.1	30.8	1536
61x1	re	0.8	2.0	18.1	29.4	1299
61x1.5	re	0.8	2.0	12.1	31.6	1655



Cablu de semnalizare cu izolatie din XLPE si manta de PVC, ecranat

XLPE- insulation and PVC sheathed signal cables , screened

Standard de fabricatie: ST 106,
Tensiune nominala U_o/U : 0.6/1 kV

Standard: ST 106
Rated voltage U_o/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 ,in apa

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, under water

Conductor de cupru

Conductor unifilar (re) sau multifilar(rm) SR EN 60228

Copper conductor

Monowire conductor (re) or multiwire(rm)
SR EN 60228

Izolatie XLPE

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

Insulation XLPE

Screen

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

Manta

PVC tip YM1 sau MF negru respectiv gri

Sheath

PVC type YM1 or MF black or gray

Cablurile sunt cu intarziere respectiv intarziere marita la propagarea flacarilor ,incercare conf
SR EN 332-1-2 sau SR EN 50266-2-4, categoria C

The cables are flame retardant or extra flame retardant ; test according to SR EN 332-1-2 or SR EN 50266-2-4/ Category C.

Marcaj pe manta

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

Sheath marking

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

Raza minima de curbura la instalare

8xdiametrul cablului

Min. bending radius at installation

8 x cable diameter

Forta maxima de tractiune la pozare

50 N/mm²

Max. tensile strain during installation :

50 N/mm²

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 a light one, whereas the remaining ones must be white.



**Cablu de semnalizare cu izolatie
din XLPE si manta de PVC, ecranat**

**XLPE- insulation and PVC sheathed signal
cables , screened**

Tipodi- mensiune 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	0.7	1.8	18.1	9.3	99
2x1.5	re	0.7	1.8	12.1	9.8	115
2x2.5	re	0.7	1.8	7.41	10.6	141
2x4	re	0.7	1.8	4.61	11.5	179
2x6	re	0.7	1.8	3.08	12.5	228
2x10	rm	0.7	1.8	1.83	15.0	332
3x1	re	0.7	1.8	18.1	9.7	117
3x1.5	re	0.7	1.8	12.1	10.2	136
3x2.5	re	0.7	1.8	7.41	11.1	174
3x4	re	0.7	1.8	4.61	12.1	228
3x6	re	0.7	1.8	3.08	13.2	296
3x10	rm	0.7	1.8	1.83	15.9	443
4x1	re	0.7	1.8	18.1	10.4	136
4x1.5	re	0.7	1.8	12.1	11.0	162
4x2.5	re	0.7	1.8	7.41	11.9	210
4x4	re	0.7	1.8	4.61	13.1	279
4x6	re	0.7	1.8	3.08	14.3	369
4x10	rm	0.7	1.8	1.83	17.3	558
5x1	re	0.7	1.8	18.1	11.1	158
5x1.5	re	0.7	1.8	12.1	11.7	187
5x2.5	re	0.7	1.8	7.41	12.8	247
5x4	re	0.7	1.8	4.61	14.1	332
5x6	re	0.7	1.8	3.08	15.5	442
5x10	rm	0.7	1.8	1.83	18.8	675
7x1	re	0.7	1.8	18.1	11.8	189
7x1.5	re	0.7	1.8	12.1	12.8	234
7x2.5	re	0.7	1.8	7.41	14.0	315
7x4	re	0.7	1.8	4.61	15.4	430
7x6	re	0.7	1.8	3.08	16.9	579
7x10	rm	0.7	1.8	1.83	20.4	895
9x1	re	0.7	1.8	18.1	13.8	236
9x1.5	re	0.7	1.8	12.1	14.8	291
9x2.5	re	0.7	1.8	7.41	16.3	395
9x4	re	0.7	1.8	4.61	18.1	544
9x6	re	0.7	1.8	3.08	20.0	737
9x10	rm	0.7	2.0	1.83	24.7	1141
12x1	re	0.7	1.8	18.1	14.8	285
12x1.5	re	0.7	1.8	12.1	15.8	356
12x2.5	re	0.7	1.8	7.41	17.5	491
12x4	re	0.7	1.8	4.61	19.4	685



Cablu de semnalizare cu izolatie
din XLPE si manta de PVC, ecranat

XLPE- insulation and PVC sheathed signal
cables , screened

Tipodi- mensiune cablu Cable size	Tip conductor Type of conductor	Grosime radiala izolatie Radial thickness of insulation mm	Grosime radiala manta Radial thickness of sheath mm	Rezistenta electrica max,la 20°C Max. Resistance at 20°C Ω/km	Diametru exterior nominal Nominal outer diameter mm	Masa inf Mass inf kg/km
12x6	re	0.7	1.8	3.08	20.0	938
12x10	rm	0.7	2.0	1.83	26.7	1466
14x1	re	0.7	1.8	18.1	15.4	318
14x1.5	re	0.7	1.8	12.1	16.5	399
14x2.5	re	0.7	1.8	7.41	18.3	555
16x1	re	0.7	1.8	18.1	16.1	351
16x1.5	re	0.7	1.8	12.1	17.3	444
16x2.5	re	0.7	1.8	7.41	19.2	621
19x1	re	0.7	1.8	18.1	16.9	399
19x1.5	re	0.7	1.8	12.1	18.1	507
19x2.5	re	0.7	1.8	7.41	20.1	715
21x1	re	0.7	1.8	18.1	19.4	450
21x1.5	re	0.7	1.8	12.1	20.9	571
21x2.5	re	0.7	1.8	7.41	23.3	802
24x1	re	0.7	1.8	18.1	19.4	490
24x1.5	re	0.7	1.8	12.1	20.9	626
24x2.5	re	0.7	1.8	7.41	23.3	887
27x1	re	0.7	1.8	18.1	19.4	533
27x1.5	re	0.7	1.8	12.1	21.3	685
27x2.5	re	0.7	1.8	7.41	23.6	977
30x1	re	0.7	1.8	18.1	20.4	580
30x1.5	re	0.7	1.8	12.1	22.0	747
30x2.5	re	0.7	1.8	7.41	24.6	1069
33x1	re	0.7	1.8	18.1	21.2	627
33x1.5	re	0.7	1.8	12.1	22.9	809
33x2.5	re	0.7	1.8	7.41	25.5	1163
37x1	re	0.7	1.8	18.1	21.9	687
37x1.5	re	0.7	1.8	12.1	23.7	851
37x2.5	re	0.7	1.8	7.41	26.5	1285
42x1	re	0.7	1.8	18.1	24.5	778
42x1.5	re	0.7	1.8	12.1	26.5	1009
48x1	re	0.7	1.8	18.1	24.9	862
48x1.5	re	0.7	1.8	12.1	26.9	1124
52x1	re	0.7	1.8	18.1	25.5	921
52x1.5	re	0.7	1.8	12.1	27.6	1204
56x1	re	0.7	1.8	18.1	26.2	981
56x1.5	re	0.7	1.9	12.1	28.6	1299
61x1	re	0.7	1.8	18.1	27.0	1055
61x1.5	re	0.7	1.9	12.1	29.4	1399

CSYEcY(-F) 0.6/1 kV



Cablu de semnalizare cu izolatie si manta de PVC, ecranat

PVC – insulated and sheathed signal cables, screened

Standard de fabricatie: ST 106,
Tensiune nominala U_0/U : 0.6/1 kV

Standard: ST 106
Rated voltage 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

Applicability :

Control and signal transmittal in power generation and supply facilities.

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

Conductor de cupru

Conductor unifilar (re) sau multifilar(rm) SR EN 60228

Copper conductor

Monowire conductor (re) or multiwire(rm)
SR EN 60228

Izolatie

PVC tip YI1 sau IF

Insulation

PVC type YI1 or IF

Ecran

Ecran din banda de cupru pe support de poliester 20/23 μ

Screen

Copper/PET tape 20/23 μ thick

Manta

PVC tip YM1 sau MF negru respectiv gri

Sheath

PVC type YM1 or MF black or gray

Cablurile sunt cu intarziere respectiv intarziere marita la propagarea flacarilor ,incercare conf
SR EN 332-1-2 sau SR EN 50266-2-4,categoria C

The cables are flame retardant or extra flame retardant ; test according to SR EN 332-1-2 or SR EN 50266-2-4/ Category C.

Marcaj pe manta

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

Sheath marking

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

Raza minima de curbura la instalare

8xdiametrul cablului

Min. bending radius at installation

8 x cable diameter

Forta maxima de tractiune la pozare

50 N/mm²

Max. tensile strain during installation :

50 N/mm²

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 a light one, whereas the remaining ones must be white.



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

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

Tipodi- mensiune 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	0.8	1.8	18.1	9.6	113
2x1.5	re	0.8	1.8	12.1	10.1	129
2x2.5	re	0.8	1.8	7.41	10.9	159
2x4	re	1.0	1.8	4.61	12.6	216
2x6	re	1.0	1.8	3.08	13.6	268
2x10	re	1.0	1.8	1.83	15.3	366
3x1	re	0.8	1.8	18.1	10.0	135
3x1.5	re	0.8	1.8	12.1	10.6	157
3x2.5	re	0.8	1.8	7.41	11.4	198
3x4	re	1.0	1.8	4.61	13.3	276
3x6	re	1.0	1.8	3.08	14.4	350
3x10	re	1.0	1.8	1.83	16.2	489
4x1	re	0.8	1.8	18.1	10.7	159
4x1.5	re	0.8	1.8	12.1	11.3	184
4x2.5	re	0.8	1.8	7.41	12.3	240
4x4	re	1.0	1.8	4.61	14.4	340
4x6	re	1.0	1.8	3.08	15.6	436
4x10	re	1.0	1.8	1.83	17.6	618
5x1	re	0.8	1.8	18.1	11.5	188
5x1.5	re	0.8	1.8	12.1	12.2	224
5x2.5	re	0.8	1.8	7.41	13.3	290
5x4	re	1.0	1.8	4.61	15.6	419
5x6	re	1.0	1.8	3.08	17.0	523
5x10	re	1.0	1.8	1.83	19.2	748
7x1	re	0.8	1.8	18.1	12.3	225
7x1.5	re	0.8	1.8	12.1	13.3	275
7x2.5	re	0.8	1.8	7.41	14.5	362
7x4	re	1.0	1.8	4.61	17.1	525
7x6	re	1.0	1.8	3.08	18.6	686
7x10	re	1.0	1.8	1.83	20.8	997
9x1	re	0.8	1.8	18.1	14.5	281
9x1.5	re	0.8	1.8	12.1	15.5	343
9x2.5	re	0.8	1.8	7.41	17.0	456
9x4	re	1.0	1.8	4.61	20.3	667
9x6	re	1.0	1.8	3.08	22.2	875
9x10	re	1.0	2.0	1.83	25.7	1298
12x1	re	0.8	1.8	18.1	15.5	343
12x1.5	re	0.8	1.8	12.1	16.5	422
12x2.5	re	0.8	1.8	7.41	18.2	568
12x4	re	1.0	1.8	4.61	22.8	841

CSYEcY(-F) 0.6/1 kV

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

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

Tipodi- mensiune 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
12x6	re	1.0	1.8	3.08	23.9	1113
12x10	re	1.0	2.0	1.83	25.7	1680
14x1	re	0.8	1.8	18.1	16.2	385
14x1.5	re	0.8	1.8	12.1	17.3	475
14x2.5	re	0.8	1.8	7.41	19.0	643
16x1	re	0.8	1.8	18.1	17.0	432
16x1.5	re	0.8	1.8	12.1	18.1	534
16x2.5	re	0.8	1.8	7.41	20.0	727
19x1	re	0.8	1.8	18.1	17.8	487
19x1.5	re	0.8	1.8	12.1	19.0	606
19x2.5	re	0.8	1.8	7.41	21.0	829
21x1	re	0.8	1.8	18.1	20.5	548
21x1.5	re	0.8	1.8	12.1	22.0	682
21x2.5	re	0.8	2.0	7.41	24.8	955
24x1	re	0.8	1.8	18.1	20.5	600
24x1.5	re	0.8	1.8	12.1	22.0	750
24x2.5	re	0.8	2.0	7.41	24.8	1055
27x1	re	0.8	1.8	18.1	20.9	657
27x1.5	re	0.8	1.8	12.1	22.5	822
27x2.5	re	0.8	2.0	7.41	25.3	1160
30x1	re	0.8	1.8	18.1	21.6	715
30x1.5	re	0.8	1.8	12.1	23.2	897
30x2.5	re	0.8	2.0	7.41	26.2	1270
33x1	re	0.8	1.8	18.1	22.4	778
33x1.5	re	0.8	1.9	12.1	24.2	1003
33x2.5	re	0.8	2.0	7.41	27.2	1388
37x1	re	0.8	1.8	18.1	23.2	850
37x1.5	re	0.8	2.0	12.1	25.4	1098
37x2.5	re	0.8	2.0	7.41	28.2	1524
42x1	re	0.8	1.9	18.1	26.7	987
42x1.5	re	0.8	2.0	12.1	28.7	1244
48x1	re	0.8	2.0	18.1	27.1	1095
48x1.5	re	0.8	2.0	12.1	29.1	1385
52x1	re	0.8	2.0	18.1	27.8	1173
52x1.5	re	0.8	2.0	12.1	29.9	1484
56x1	re	0.8	2.0	18.1	28.3	1254
56x1.5	re	0.8	2.0	12.1	30.5	1589
61x1	re	0.8	2.0	18.1	29.1	1344
61x1.5	re	0.8	2.0	12.1	31.3	1706

CSYEAbY(-F), CSYEAbzY (-F) 0.6/1 kV



Cablu de semnalizare cu izolatie si manta de PVC, ecranat-armate

PVC – insulated and sheathed signal cable creened- armored

Standard de fabricatie: ST 106
Tensiune nominala U_0/U : 0.6/1 kV

Domeniul de utilizare

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

Temperatura max in functionarea de durata :70 °C
Temperatura de utilizare normala este de -30°C÷+60°C
Temperatura minima de montaj este de +5°C

Conductor de cupru

Conductor unifilar (ru), SR EN 60228

Izolatie: PVC tip YI1 sau IF pentru cablurile cu rezistenta marita la propagarea flacarii

Ecran: Ecran din aluminiu pe suport de poliester , tip ALU/PET 9/12 μ .

Manta interioara: PVC tip YM1 sau MF pentru cablurile cu rezistenta marita la propagarea flacarii de culoare neagra sau gri.

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

Manta exterioara: PVC tip YM1 sau MF pentru cablurile cu rezistenta marita la propagarea flacarii de culoare neagra sau gri.

Cablurile sunt cu intarziere respectiv intarziere marita la propagarea flacarii ,incercare conf SR EN 332-1-2 sau SR EN 50266-2-4/categoria C

Marcaj pe manta

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

Raza minima de curbura la instalare
10xdiametrul cablului

Forta maxima de tractiune la pozare
50 N/mm²

Cod de culori

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

Standard: ST 106
Rated voltage U_0/U : 0.6/1 kV

Applicability :

Control and transmittal of signals in power generation & supply facilities and similar

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

Max. temperature in long-run operation: 70 °C
Normal operational temperature range : -30°C÷+60°C
Minimum temperature during installation : +5°C

Copper conductor

Monowire conductor (ru), SR EN 60228

Insulation: PVC type YI1 or IF for extra flame retardant cables

Screen: Aluminum screen on polyester base type ALU/PET 9/12 μ .

Inner sheath: PVC type YM1 or MF for extra flame retardant cables, black or gray

Armor: Blanck or zinc-plated cold-rolled tape of min. 0.2 mm in thickness.

Sheath : PVC type YM1 or MF for extra flame retardant cables, black or gray.

The cables are flame retardant or extra flame retardant ; test according to SR EN 332-1-2 or SR EN 50266-2-4/ Category C.

Sheath marking

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

Raza minima de curbura la instalare
10 x cable diameter

Max. tensile strain during installation :
50 N/mm²

Color coding :

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

CSYEAbY(-F), CSYEAbzY (-F) 0.6/1 kV



Cablu de semnalizare cu izolatie si
manta de PVC,ecranat-armate

PVC – insulated and sheathed signal cable
creened- armored

Tipodi- mensiune cablu Cable size	Tip conductor Type of conductor	Grosime radiala izolatie Radial thickness of insulation mm	Grosime radiala manta Radial thickness of sheath mm		Diametru exterior nominal Nominal outer diameter mm	Rezistenta electrica, max la 20°C Max. Resistance at 20°C Ω/km	Masa inf Mass inf kg/km
			Int.	Ext .			
2x1	re	0.8	0.8	1.4	11.5	18.1	198
2x1.5	re	0.8	0.8	1.4	12.0	12.1	219
2x2.5	re	0.8	0.8	1.4	12.8	7.41	256
2x4	re	1.0	0.8	1.4	14.5	4.61	328
2x6	re	1.0	0.8	1.4	15.5	3.08	388
3x1	re	0.8	0.8	1.4	11.9	18.1	223
3x1.5	re	0.8	0.8	1.4	12.5	12.1	250
3x2.5	re	0.8	0.8	1.4	13.3	7.41	299
3x4	re	1.0	0.8	1.4	15.2	4.61	393
3x6	re	1.0	0.8	1.4	16.3	3.08	475
4x1	re	0.8	0.8	1.4	12.6	18.1	254
4x1.5	re	0.8	0.8	1.4	13.2	12.1	287
4x2.5	re	0.8	0.8	1.4	14.2	7.41	348
4x4	re	1.0	0.8	1.4	16.3	4.61	466
4x6	re	1.0	0.8	1.4	17.5	3.08	572
5x1	re	0.8	0.8	1.4	13.4	18.1	285
5x1.5	re	0.8	0.8	1.4	14.1	12.1	326
5x2.5	re	0.8	0.8	1.4	15.2	7.41	399
5x4	re	1.0	0.8	1.4	17.5	4.61	541
5x6	re	1.0	0.8	1.4	18.9	3.08	671
7x1	re	0.8	0.8	1.4	14.2	18.1	334
7x1.5	re	0.8	0.8	1.4	15.0	12.1	387
7x2.5	re	0.8	0.8	1.4	16.2	7.41	484
7x4	re	1.0	0.8	1.4	18.8	4.61	669
7x6	re	1.0	0.8	1.4	20.7	3.08	865
9x1	re	0.8	0.8	1.4	16.4	18.1	411
9x1.5	re	0.8	0.8	1.4	17.4	12.1	478
9x2.5	re	0.8	0.8	1.4	18.9	7.41	603
9x4	re	1.0	1.0	1.4	22.6	4.61	865
9x6	re	1.0	1.0	1.4	25.3	3.08	1139
12x1	re	0.8	0.8	1.4	17.4	18.1	480
12x1.5	re	0.8	0.8	1.4	18.4	12.1	565
12x2.5	re	0.8	0.8	1.4	20.1	7.41	725
12x4	re	1.0	1.0	1.8	24.9	4.61	1098
12x6	re	1.0	1.0	1.8	27.0	3.08	1394
14x1	re	0.8	0.8	1.4	18.1	18.1	526
14x1.5	re	0.8	0.8	1.4	19.2	12.1	624
14x2.5	re	0.8	0.8	1.4	21.3	7.41	829
16x1	re	0.8	0.8	1.4	18.9	18.1	574
16x1.5	re	0.8	0.8	1.4	20.0	12.1	684

CSYEAbY(-F), CSYEAbzY (-F) 0.6/1 kV



Cablu de semnalizare cu izolatie si
manta de PVC,ecranat-armate

PVC – insulated and sheathed signal cable
creened- armored

Tipodi- mensiune cablu Cable size	Tip conductor Type of conductor	Grosime radiala izolatie Radial thickness of insulation mm	Grosime radiala manta Radial thickness of sheath mm		Diametru exterior nominal Nominal outer diameter mm	Rezistenta electrica, max la 20°C Max. Resistance at 20°C Ω/km	Masa inf Mass inf kg/km
			Int.	Ext .			
16x2.5	re	0.8	1.0	1.4	22.3	7.41	914
19x1	re	0.8	0.8	1.4	19.7	18.1	640
19x1.5	re	0.8	0.8	1.4	20.9	12.1	768
19x2.5	re	0.8	1.0	1.4	23.3	7.41	1032
21x1	re	0.8	0.8	1.4	23.6	18.1	795
21x1.5	re	0.8	1.0	1.4	25.1	12.1	943
21x2.5	re	0.8	1.0	1.8	27.5	7.41	1218
24x1	re	0.8	0.8	1.4	23.6	18.1	845
24x1.5	re	0.8	1.0	1.4	25.1	12.1	1009
24x2.5	re	0.8	1.0	1.8	27.5	7.41	1316
27x1	re	0.8	1.0	1.8	24.0	18.1	903
27x1.5	re	0.8	1.0	1.4	25.6	12.1	1085
27x2.5	re	0.8	1.0	1.8	28.0	7.41	1425
30x1	re	0.8	1.0	1.8	24.7	18.1	969
30x1.5	re	0.8	1.0	1.8	26.3	12.1	1168
30x2.5	re	0.8	1.0	1.8	28.9	7.41	1542
33x1	re	0.8	1.0	1.8	25.5	18.1	1036
33x1.5	re	0.8	1.0	1.8	27.2	12.1	1253
33x2.5	re	0.8	1.0	1.8	29.9	7.41	1661
37x1	re	0.8	1.0	1.8	26.3	18.1	1120
37x1.5	re	0.8	1.0	1.8	28.1	12.1	1361
37x2.5	re	0.8	1.0	1.8	30.9	7.41	1814
42x1	re	0.8	1.0	1.8	29.1	18.1	1264
42x1.5	re	0.8	1.0	1.8	31.1	12.1	1537
48x1	re	0.8	1.0	1.8	29.5	18.1	1360
48x1.5	re	0.8	1.0	1.8	31.9	12.1	1698
52x1	re	0.8	1.0	1.8	30.2	18.1	1441
52x1.5	re	0.8	1.0	1.8	32.7	12.1	1818
56x1	re	0.8	1.0	1.8	31.0	18.1	1538
56x1.5	re	0.8	1.0	1.8	34.4	12.1	1937
61x1	re	0.8	1.0	1.8	32.2	18.1	1672



Cablu de semnalizare cu izolatie din XLPE, manta de PVC, ecranat-armat

XLPE- insulation and PVC sheathed signal cables creened- armored

Tensiune nominala Uo/U : 0.6/1 kV

Domeniul de utilizare

Cablurile se utilizeaza pentru comanda si semnalizare in instalatii electroenergetice si similare

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

Temperatura max in functionarea de durata :70 °C

Temperatura de utilizare normala este de -30°C÷+60°C

Temperatura minima de montaj este de +5°C

Conductor

Conductor unifilar (ru), SR EN 60228

Izolatie XLPE

Ecran

Ecran din aluminiu pe suport de poliester , tip ALU/PET 9/12µ.

Manta interioara

PVC tip YM1 sau MF pentru cablurile cu rezistenta marita la propagarea flacarii de culoare neagra sau gri.

Armatura

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

Manta exterioara

PVC tip YM1 sau MF pentru cablurile cu rezistenta marita la propagarea flacarii de culoare neagra sau gri.

Cablurile sunt cu intarziere respectiv intarziere marita la propagarea flacarii ,incercare conf SR EN 332-1-2 sau SR EN 50266-2-4/categoria C

Marcaj pe manta

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

Raza minima de curbura la instalare

10xdiametrul cablului

Forta maxima de tractiune la pozare

50 N/mm²

Cod de culori

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

Rated voltage Uo/U : 0.6/1 kV

Applicability :

Control and transmittal of signals in power generation & supply facilities and similar

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

Max. temperature in long-run operation: 70 °C

Normal operational temperature range : -30°C÷+60°C

Minimum temperature during installation : +5°C

Copper conductor

Monowire conductor (ru), SR EN 60228

Insulation XLPE

Screen

Aluminum screen on polyester base type ALU/PET 9/12µ.

Inner sheath

PVC type YM1 or MF for extra flame retardant cables, black or gray

Aarmor

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

Sheath

PVC type YM1 or MF for extra flame retardant cables, black or gray.

The cables are flame retardant or extra flame retardant ; test according to SR EN 332-1-2 or SR EN 50266-2-4/ Category C.

Sheath marking

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

Raza minima de curbura la instalare

10 x cable diameter

Max. tensile strain during installation :

50 N/mm²

Color coding :

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



Cablu de semnalizare cu izolatie din XLPE, manta de PVC, ecranat-armat

XLPE- insulation and PVC sheathed signal cables creened- armored

Tipodi- mensiune cablu Cable size	Tip conductor Type of conductor	Grosime radiala izolatie Radial thickness of insulation mm	Grosime radiala manta Radial thickness of sheath mm		Diametru exterior nominal Nominal outer diameter mm	Rezistenta electrica, max la 20°C Max. Resistance at 20°C Ω/km	Masa inf Mass inf kg/km
			Int.	Ext .			
2x1	re	0.7	0.8	1.4	10.9	18.1	181
2x1.5	re	0.7	0.8	1.4	11.4	12.1	200
2x2.5	re	0.7	0.8	1.4	12.2	7.41	236
2x4	re	0.7	0.8	1.4	13.1	4.61	293
2x6	re	0.7	0.8	1.4	14.1	3.08	342
3x1	re	0.7	0.8	1.4	11.3	18.1	202
3x1.5	re	0.7	0.8	1.4	11.8	12.1	227
3x2.5	re	0.7	0.8	1.4	12.7	7.41	274
3x4	re	0.7	0.8	1.4	13.7	4.61	337
3x6	re	0.7	0.8	1.4	14.8	3.08	416
4x1	re	0.7	0.8	1.4	12.0	18.1	228
4x1.5	re	0.7	0.8	1.4	12.6	12.1	260
4x2.5	re	0.7	0.8	1.4	13.5	7.41	318
4x4	re	0.7	0.8	1.4	14.7	4.61	398
4x6	re	0.7	0.8	1.4	15.9	3.08	499
5x1	re	0.7	0.8	1.4	12.7	18.1	259
5x1.5	re	0.7	0.8	1.4	13.3	12.1	299
5x2.5	re	0.7	0.8	1.4	14.4	7.41	371
5x4	re	0.7	0.8	1.4	15.7	4.61	473
5x6	re	0.7	0.8	1.4	17.1	3.08	584
7x1	re	0.7	0.8	1.4	13.4	18.1	296
7x1.5	re	0.7	0.8	1.4	14.2	12.1	346
7x2.5	re	0.7	0.8	1.4	15.4	7.41	438
7x4	re	0.7	0.8	1.4	16.8	4.61	567
7x6	re	0.7	0.8	1.4	18.7	3.08	752
9x1	re	0.7	0.8	1.4	15.4	18.1	363
9x1.5	re	0.7	0.8	1.4	16.4	12.1	427
9x2.5	re	0.7	0.8	1.4	17.9	7.41	546
9x4	re	0.7	1.0	1.4	20.1	4.61	734
9x6	re	0.7	1.0	1.4	22.8	3.08	992
12x1	re	0.7	0.8	1.4	16.4	18.1	420
12x1.5	re	0.7	0.8	1.4	17.4	12.1	501
12x2.5	re	0.7	0.8	1.4	19.1	7.41	653
12x4	re	0.7	1.0	1.8	22.2	4.61	932
12x6	re	0.7	1.0	1.8	24.3	3.08	1212
14x1	re	0.7	0.8	1.4	17.0	18.1	459
14x1.5	re	0.7	0.8	1.4	18.1	12.1	551
14x2.5	re	0.7	0.8	1.4	20.3	7.41	746
16x1	re	0.7	0.8	1.4	17.7	18.1	504
16x1.5	re	0.7	0.8	1.4	18.9	12.1	609



Cablu de semnalizare cu izolatie din XLPE, manta de PVC, ecranat-armat

XLPE- insulation and PVC sheathed signal cables creened- armored

Tipodi- mensiune cablu Cable size	Tip conductor Type of conductor	Grosime radiala izolatie Radial thickness of insulation mm	Grosime radiala manta Radial thickness of sheath mm		Diametru exterior nominal Nominal outer diameter mm	Rezistenta electrica, max la 20°C Max. Resistance at 20°C Ω/km	Masa inf Mass inf kg/km
			Int.	Ext .			
16x2.5	re	0.7	1.0	1.4	21.2	7.41	829
19x1	re	0.7	0.8	1.4	18.5	18.1	554
19x1.5	re	0.7	0.8	1.4	19.7	12.1	674
19x2.5	re	0.7	1.0	1.4	22.1	7.41	926
21x1	re	0.7	0.8	1.4	22.2	18.1	696
21x1.5	re	0.7	1.0	1.4	23.7	12.1	836
21x2.5	re	0.7	1.0	1.8	26.1	7.41	1098
24x1	re	0.7	0.8	1.4	22.2	18.1	736
24x1.5	re	0.7	1.0	1.4	23.7	12.1	891
24x2.5	re	0.7	1.0	1.8	26.1	7.41	1182
27x1	re	0.7	1.0	1.8	22.6	18.1	784
27x1.5	re	0.7	1.0	1.4	24.1	12.1	955
27x2.5	re	0.7	1.0	1.8	26.6	7.41	1278
30x1	re	0.7	1.0	1.8	23.2	18.1	838
30x1.5	re	0.7	1.0	1.8	24.8	12.1	1026
30x2.5	re	0.7	1.0	1.8	27.4	7.41	1381
33x1	re	0.7	1.0	1.8	24.0	18.1	896
33x1.5	re	0.7	1.0	1.8	25.7	12.1	1104
33x2.5	re	0.7	1.0	1.8	28.3	7.41	1493
37x1	re	0.7	1.0	1.8	24.7	18.1	964
37x1.5	re	0.7	1.0	1.8	26.5	12.1	1190
37x2.5	re	0.7	1.0	1.8	29.3	7.41	1619

CSYEcAbY-F

CSYEcAbzY-F 0.6/1 kV

Cablu de semnalizare cu izolatie si manta de PVC, cu ecran de cupru si armatura



PVC – insulated and sheathed signal cable with copper screen and armor

Standard de fabricatie: ST 106 ,IEC 502

Tensiune nominala U_0/U : 0.6/1 kV

Domeniul de utilizare

Cablurile se utilizeaza pentru comanda si semnalizare in instalatii electroenergetice si similare

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

Temperatura max in functionarea de durata :70 °C

Temperatura de utilizare normala este de -30°C÷+60°C

Temperatura minima de montaj este de +5°C

Conductor de cupru

Conductor unifilar (re), SR EN 60228

Izolatie

PVC tip IF

Ecran

Ecran din banda de cupru/PET de grosime 20/23 μ

Manta interioara

PVC tip MF

Armatura

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

Manta externa

PVC tip MF

Cablurile sunt cu intarziere marita la propagarea flacarii, incercare conf SR EN 332-1-2 sau SR EN 50266-2-4 categoria C

Marcaj pe manta

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

Raza minima de curbura la instalare

10xdiametrul cablului

Forta maxima de tractiune la pozare

50 N/mm²

Cod de culori

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

Standard: ST 106 ,IEC 502

Rated voltage U_0/U : 0.6/1 kV

Applicability :

Control and transmittal of signals in power generation & supply facilities and similar

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

Max. temperature in long-run operation: 70 °C

Normal operational temperature range : -30°C÷+60°C

Minimum temperature during installation : +5°C

Copper conductor :

Monowire conductor (re), SR EN 60228

Insulation :

PVC type IF

Screen

Copper/PET tape 20/23 μ thick

Inner sheath

PVC type MF

Aarmor

Blank or zinc-plated cold-rolled tape 0.2 mm thick.

Outer sheath

PVC type MF

The cables are flame retardant or extra flame retardant ; test according to SR EN 332-1-2 or SR EN 50266-2-4 / Category C.

Sheath marking

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

Min. bending radius at installation :

10 x cable diameter

Max. tensile strain during installation :

50 N/mm²

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.

CSYEcAbY-F**CSYEcAbzY-F 0.6/1 kV**

**Cablu de semnalizare cu izolatie si
manta de PVC, cu ecran de cupru si
armatura**

**PVC – insulated and sheathed signal cable
with copper screen and armor**

Tipodi- mensiune cablu Cable size	Tip conductor Type of conductor	Grosime radiala izolatie Radial thickness of insulation mm	Grosime radiala manta Radial thickness of sheath mm		Diametru exterior nominal Nominal outer diameter mm	Rezistenta electrica, max la 20°C Max. Resistance at 20°C Ω/km	Masa inf Mass inf kg/km
			Int.	Ext .			
2x1	re	0.8	0.8	1.4	13.0	18.1	283
2x1.5	re	0.8	0.8	1.4	13.5	12.1	311
2x2.5	re	0.8	0.8	1.4	14.3	7.41	360
2x4	re	1.0	0.8	1.4	16.2	4.61	471
2x6	re	1.0	0.8	1.4	17.3	3.08	552
3x1	re	0.8	0.8	1.4	13.4	18.1	307
3x1.5	re	0.8	0.8	1.4	14.0	12.1	340
3x2.5	re	0.8	0.8	1.4	14.8	7.41	400
3x4	re	1.0	0.8	1.4	16.9	4.61	531
3x6	re	1.0	0.8	1.4	18.0	3.08	632
4x1	re	0.8	0.8	1.4	14.2	18.1	343
4x1.5	re	0.8	0.8	1.4	14.8	12.1	384
4x2.5	re	0.8	0.8	1.4	15.7	7.41	457
4x4	re	1.0	0.8	1.4	18.0	4.61	616
4x6	re	1.0	0.8	1.4	19.3	3.08	742
5x1	re	0.8	0.8	1.4	14.9	18.1	384
5x1.5	re	0.8	0.8	1.4	15.6	12.1	432
5x2.5	re	0.8	0.8	1.4	16.7	7.41	521
5x4	re	1.0	0.8	1.4	19.2	4.61	709
5x6	re	1.0	1.0	1.4	21.0	3.08	883
7x1	re	0.8	0.8	1.4	15.7	18.1	433
7x1.5	re	0.8	0.8	1.4	16.5	12.1	494
7x2.5	re	0.8	0.8	1.4	17.7	7.41	605
7x4	re	1.0	0.8	1.4	20.9	4.61	856
7x6	re	1.0	1.0	1.4	22.4	3.08	1053
9x1	re	0.8	0.8	1.4	18.1	18.1	502
9x1.5	re	0.8	0.8	1.4	19.1	12.1	575
9x2.5	re	0.8	1.0	1.4	21.0	7.41	727
9x4	re	1.0	1.0	1.8	25.1	4.61	1027
9x6	re	1.0	1.0	1.8	27.0	3.08	1265
12x1	re	0.8	0.8	1.4	19.1	18.1	575
12x1.5	re	0.8	0.8	1.4	20.1	12.1	666
12x2.5	re	0.8	1.0	1.4	22.2	7.41	855
12x4	re	1.0	1.0	1.8	26.6	4.61	1222
12x6	re	1.0	1.0	1.8	28.7	3.08	1527
14x1	re	0.8	0.8	1.4	19.8	18.1	625
14x1.5	re	0.8	1.0	1.4	21.3	12.1	749
14x2.5	re	0.8	1.0	1.8	23.8	7.41	982
16x1	re	0.8	1.0	1.4	21.0	18.1	697
16x1.5	re	0.8	1.0	1.4	22.2	12.1	814

CSYEcabY-F**CSYEcabzY-F 0.6/1 kV**

**Cablu de semnalizare cu izolatie si
manta de PVC, cu ecran de cupru si
armatura**

**PVC – insulated and sheathed signal cable
with copper screen and armor**

Tipodi- mensiune 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 .			
16x2.5	re	0.8	1.0	1.8	24.8	7.41	1073
19x1	re	0.8	1.0	1.4	21.8	18.1	767
19x1.5	re	0.8	1.0	1.8	23.8	12.1	942
19x2.5	re	0.8	1.0	1.8	25.8	7.41	1197
21x1	re	0.8	1.0	1.8	25.3	18.1	913
21x1.5	re	0.8	1.0	1.8	26.8	12.1	1068
21x2.5	re	0.8	1.0	1.8	29.2	7.41	1355
24x1	re	0.8	1.0	1.8	25.3	18.1	962
24x1.5	re	0.8	1.0	1.8	26.8	12.1	1133
24x2.5	re	0.8	1.0	1.8	29.2	7.41	1451
27x1	re	0.8	1.0	1.8	25.7	18.1	1022
27x1.5	re	0.8	1.0	1.8	27.3	12.1	1210
27x2.5	re	0.8	1.0	1.8	29.7	7.41	1561
30x1	re	0.8	1.0	1.8	26.4	18.1	1090
30x1.5	re	0.8	1.0	1.8	28.0	12.1	1296
30x2.5	re	0.8	1.0	1.8	30.6	7.41	1682
33x1	re	0.8	1.0	1.8	27.2	18.1	1159
33x1.5	re	0.8	1.0	1.8	28.9	12.1	1382
33x2.5	re	0.8	1.0	1.8	31.6	7.41	1800
37x1	re	0.8	1.0	1.8	28.1	18.1	1248
37x1.5	re	0.8	1.0	1.8	29.8	12.1	1496
37x2.5	re	0.8	1.0	1.8	33.8	7.41	2050

Cablu de semnalizare cu izolatie si manta de PVC, ecranat-armat

Standard de fabricatie: ST 106.1
Tensiune nominala U₀/U : 0.6/1 kV

Domeniul de utilizare

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

Temperatura max in functionarea de durata :70 °C
Temperatura de utilizare normala este de -30°C÷+60°C
Temperatura minima de montaj este de +5°C

Conductor de cupru

Conductor unifilar (ru), SR EN 60228

Izolatie

PVC tip YI1 sau IF pentru cablurile cu rezistenta marita la propagarea flacarii

Manta interioara

PVC tip YM1 sau MF pentru cablurile cu rezistenta marita la propagarea flacarii de culoare neagra sau gri.

Ecran

Ecran din sarme de Al

Armatura

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

Manta exterioara

PVC tip YM1 sau MF pentru cablurile cu rezistenta marita la propagarea flacarii de culoare neagra sau gri.

Cablurile sunt cu intarziere respectiv intarziere marita la propagarea flacarii ,incercare conf SR EN 332-1-2 sau SR EN 50266-2-4/categoria C

Marcaj pe manta

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

Raza minima de curbura la instalare

10xdiametrul cablului

Forta maxima de tractiune la pozare

50 N/mm²

Cod de culori

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

PVC – insulated and sheathed signal cable creened- armored

Standard: ST 106.1
Rated voltage U₀/U : 0.6/1 kV

Applicability :

Control and transmittal of signals in power generation & supply facilities and similar

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

Max. temperature in long-run operation: 70 °C
Normal operational temperature range : -30°C÷+60°C
Minimum temperature during installation : +5°C

Copper conductor

Monowire conductor (ru), SR EN 60228

Insulation

PVC type YI1 or IF for extra flame retardant cables

Inner sheath

PVC type YM1 or MF for extra flame retardant cables, black or gray

Screen: Aluminum wire screen

Armor: Blanck or zinc-plated cold-rolled tape of min. 0.2 mm in thickness.

Sheath : PVC type YM1 or MF for extra flame retardant cables, black or gray.

The cables are flame retardant or extra flame retardant ; test according to SR EN 332-1-2 or SR EN 50266-2-4/ Category C.

Sheath marking

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

Raza minima de curbura la instalare

10 x cable diameter

Max. tensile strain during installation :

50 N/mm²

Color coding :

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

**Cablu de semnalizare cu izolatie si
manta de PVC,ecranat-armat**

**PVC – insulated and sheathed signal cable
creened- armored**

Tipodi- mensiune 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>		Diametru exterior nominal <i>Nominal outer diameter mm</i>	Rezistenta electrica, max la 20°C <i>Max. Resistance at 20°C Ω/km</i>	Masa inf <i>Mass inf kg/km</i>
			Int.	Ext .			
2x1	re	0.8	0.8	1.4	14.5	18.1	335
2x1.5	re	0.8	0.8	1.4	14.9	12.1	362
2x2.5	re	0.8	0.8	1.4	16.1	7.41	435
2x4	re	1.0	0.8	1.4	17.4	4.61	517
2x6	re	1.0	0.8	1.4	18.5	3.08	604
3x1	re	0.8	0.8	1.4	14.8	18.1	363
3x1.5	re	0.8	0.8	1.4	15.3	12.1	395
3x2.5	re	0.8	0.8	1.4	16.6	7.41	474
3x4	re	1.0	0.8	1.4	18.0	4.61	579
3x6	re	1.0	0.8	1.4	19.2	3.08	688
4x1	re	0.8	0.8	1.4	15.6	18.1	403
4x1.5	re	0.8	0.8	1.4	16.1	12.1	447
4x2.5	re	0.8	0.8	1.4	17.6	7.41	543
4x4	re	1.0	0.8	1.4	19.2	4.61	670
4x6	re	1.0	0.8	1.4	20.5	3.08	811
5x1	re	0.8	0.8	1.4	16.4	18.1	450
5x1.5	re	0.8	0.8	1.4	17.0	12.1	495
5x2.5	re	0.8	0.8	1.4	18.6	7.41	614
5x4	re	1.0	0.8	1.4	20.4	4.61	770
5x6	re	1.0	0.8	1.4	21.9	3.08	933
7x1	re	0.8	0.8	1.4	17.2	18.1	491
7x1.5	re	0.8	0.8	1.4	17.9	12.1	550
7x2.5	re	0.8	0.8	1.4	19.7	7.41	689
7x4	re	1.0	0.8	1.4	21.6	4.61	873
7x6	re	1.0	0.8	1.4	24.5	3.08	1149
9x1	re	0.8	0.8	1.4	19.6	18.1	603
9x1.5	re	0.8	0.8	1.4	20.4	12.1	675
9x2.5	re	0.8	0.8	1.4	22.7	7.41	855
12x1	re	0.8	0.8	1.4	20.3	18.1	675
12x1.5	re	0.8	0.8	1.4	21.3	12.1	763
12x2.5	re	0.8	1.0	1.8	24.9	7.41	1066
14x1	re	0.8	0.8	1.4	21.1	18.1	736
14x1.5	re	0.8	0.8	1.4	22.0	12.1	834
14x2.5	re	0.8	1.0	1.8	25.9	7.41	1162
16x1	re	0.8	0.8	1.4	21.8	18.1	792
16x1.5	re	0.8	0.8	1.8	23.7	12.1	946
16x2.5	re	0.8	1.0	1.8	26.9	7.41	1266
19x1	re	0.8	0.8	1.4	22.7	18.1	872
19x1.5	re	0.8	1.0	1.8	25.0	12.1	1073
19x2.5	re	0.8	1.0	1.8	28.0	7.41	1405

**Cablu de semnalizare cu izolatie si
manta de PVC,ecranat-armat**

**PVC – insulated and sheathed signal cable
creened- armored**

Tipodi- mensiune 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 .			
21x1	re	0.8	1.0	1.8	26.6	18.1	1065
21x1.5	re	0.8	1.0	1.8	27.9	12.1	1214
21x2.5	re	0.8	1.0	1.8	31.5	7.41	1596
24x1	re	0.8	1.0	1.8	26.6	18.1	1117
24x1.5	re	0.8	1.0	1.8	27.9	12.1	1280
24x2.5	re	0.8	1.0	1.8	31.5	7.41	1699
27x1	re	0.8	1.0	1.8	27.0	18.1	1190
27x1.5	re	0.8	1.0	1.8	28.4	12.1	1362
27x2.5	re	0.8	1.0	1.8	32.0	7.41	1820
30x1	re	0.8	1.0	1.8	27.7	18.1	1258
30x1.5	re	0.8	1.0	1.8	29.1	12.1	1452
30x2.5	re	0.8	1.0	2.2	33.0	7.41	1950
33x1	re	0.8	1.0	1.8	28.5	18.1	1339
33x1.5	re	0.8	1.0	1.8	30.0	12.1	1549
33x2.5	re	0.8	1.0	2.2	34.0	7.41	2088
37x1	re	0.8	1.0	1.8	29.3	18.1	1432
37x1.5	re	0.8	1.0	1.8	30.9	12.1	1669
37x2.5	re	0.8	1.0	1.8	36.3	7.41	2370
42x1	re	0.8	1.0	1.8	32.0	18.1	1610
42x1.5	re	0.8	1.0	1.8	33.8	12.1	1875
48x1	re	0.8	1.0	1.8	32.5	18.1	1729
48x1.5	re	0.8	1.0	1.8	34.3	12.1	2024
52x1	re	0.8	1.0	1.8	33.2	18.1	1820
52x1.5	re	0.8	1.0	2.2	35.8	12.1	2205
56x1	re	0.8	1.0	2.2	34.8	18.1	1986
56x1.5	re	0.8	1.0	2.2	36.7	12.1	2326
61x1	re	0.8	1.0	2.2	35.6	18.1	2098
61x1.5	re	0.8	1.0	2.2	37.6	12.1	2470