

Cablul de semnalizare cu izolatie si manta de PVC

Signal cable with PVC insulation and sheath

Standard	Aprobari / Approvals	Ambalare / Packaging
ST 106.1 :2015 Standard de referinta STAS 8779 si SR CEI 60502-1	Certificat de omologare tehnica feroviara Nr 71, 72/2015 , AFER Buc , Romania Railway Technical Approval Certificate No 71, 72/2015 , AFER Buc , Romania	Tambur/ drum

CARACTERISTICI	CHARACTERISTICS
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 Cablurile sunt cu rezistenta la UV	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. UV resistant cables
Tensiune nominala Uo/U	0.6/1 kV
Tensiune de incercare	4 h :1.8 kV c.a sau 3.6 kV c.c 1 min : 4 kV c.a sau 8.0 kV c.c
Rezistivitatea de volum la -20°C -70°C	- min 1*10 ¹³ Ω*cm - min 1*10 ¹⁰ Ω*cm
Capacitate la 800 Hz	Max 100 nF/km
Temperatura minima de instalare pe cablu	-5°C
Temperatura maxima de lucru	+70°C
Temperatura maxima de scurt-circuit	+160°C(max 5sec)
Temperatura de utilizare normala	-40°C ÷ +70°C
Temperatura masurata pe manta	-10°C ÷ +70°C
Conformitate RoHS	Da
Conformitate REACH	Da
Conductor de cupru	Conductor unifilar (ru), SR EN 60228
Izolatie	PVC
Umplutura/strat separator	Invelis comun extrudat sau din benzi
Manta exterioara	PVC tip ST1 negru Cablurile sunt cu rezistenta (CSYY) sau reistenta marita (CSYY-F) a propagarea flacarii conf SR EN 60332-1-2 sau SR EN 60332-3-24/ cat C
Marcaj pe manta	SC ELECTROPLAST SA ,simbol cablu ,tensiune de lucru, luna, an de fabricatie, marcaj de lungime Exemplu de marcaj : CSYY 19x1 mm ² 0.6/1 kV ELECTROPLAST SA 00/2015 0000
Raza minima de curbura la instalare	Min. 10x diametrul cablului
Forta maxima de tractiune la pozare	Max 50 N/mm ²
Cod de culori	Conf ST 106.1: 2015

Tipodimensiune cablu <i>Cable size</i>	Tip Conductor <i>Conductor type</i>	Grosime radiala izolatie <i>Insulation radial thickness</i> mm	Grosime radiala manta <i>Sheath radial thickness</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
10x1	re	0.8	1.8	18.1	15.0	292
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
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

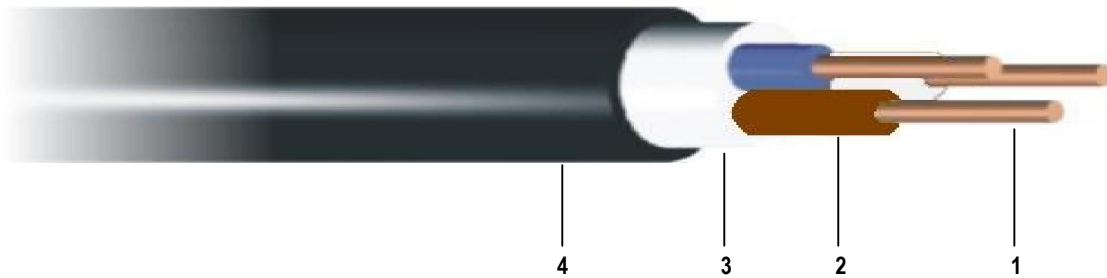
Tipodimensiune cablu <i>Cable size</i>	Tip Conductor <i>Conductor type</i>	Grosime radiala izolatie <i>Insulation radial thickness</i> mm	Grosime radiala manta <i>Sheath radial thickness</i> mm	Rezistenta electrica max, la 20°C <i>Max. resistance at 20°C</i> Ω/km	Diametru exterior nominal <i>Nominal outer diameter</i> mm	Masa inf <i>Mass inf</i> kg/km
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

CSYY(-F) 0.6/1 kV

Cablu de semnalizare cu izolatie si manta de PVC

Signal cable with PVC insulation and sheath

Forma constructiva



1	Conductoare rotunde, unifilare, din cupru	1	Monowire or multi wire copper conductors
2	Conductoare izolate	2	Insulated conductors
3	Invelis comun extrudat sau din benzi	3	Filler
4	Manta exterioara	4	Outer sheath