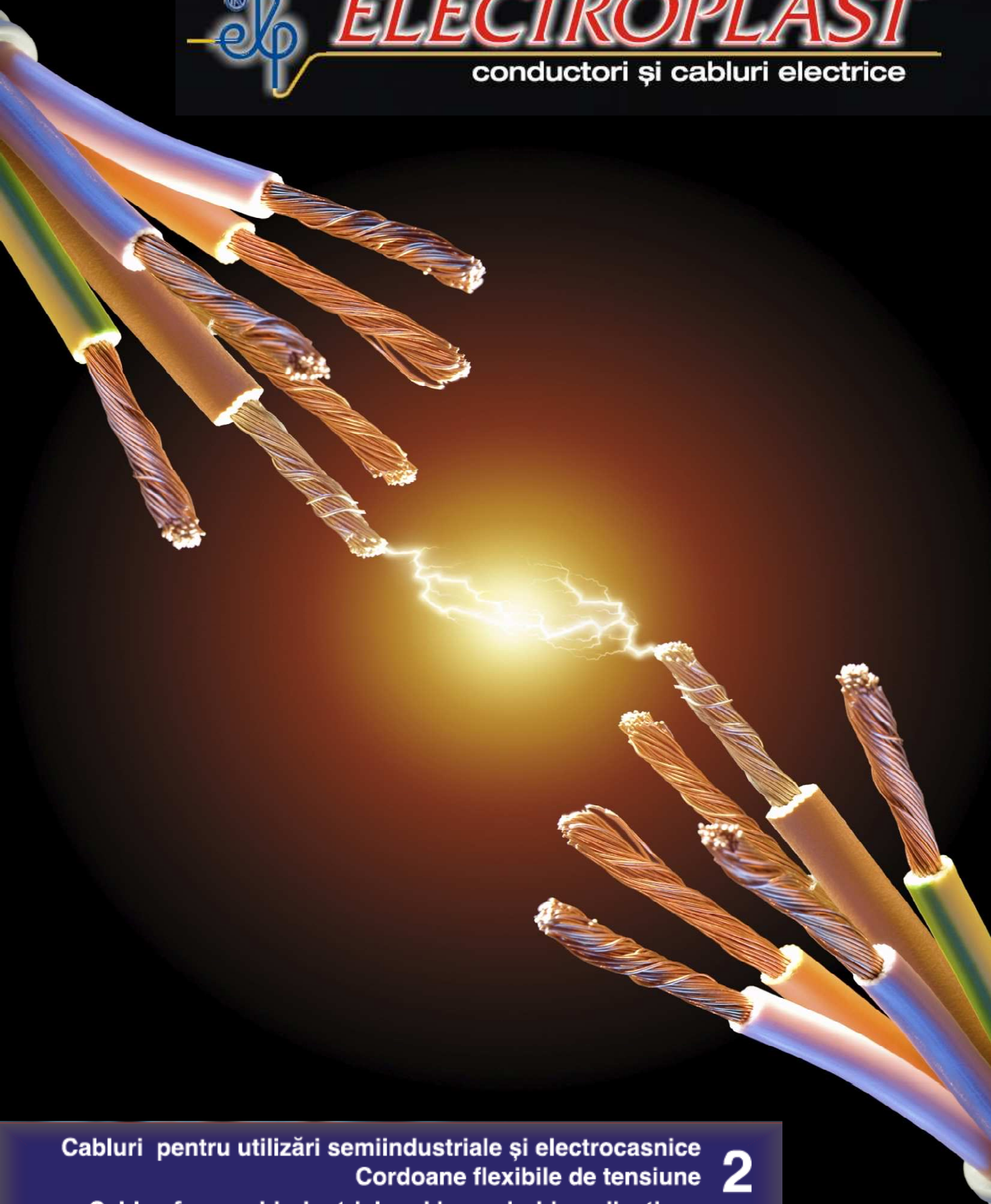




ELECTROPLAST

conductori și cabluri electrice



Cabluri pentru utilizări semiindustriale și electrocasnice
Cordoane flexibile de tensiune

Cables for semi-industrial and household applications
Flexible power cords

2

www.chorus.ro

MYM; H05VVH2-F; H05VV-F



Cordoane cu izolatie si manta de PVC

PVC – insulated and sheathed cords

Standard de fabricatie: SR HD 21 5 S3; IEC 60227/5

Tensiune nominala U_0/U : 0.3/0.5 kV

Domeniul de utilizare: Cordoanele sunt utilizate pentru alimentarea cu energie a aparaturii electrocasnice cu solicitari normale la tensiuni nominale U_0/U pana la 450/750 V.

Conductor de cupru

Conductor de cupru recopt multifilar (clasa 5), SR EN 60228

Izolatie

PVC tip TI2

Manta

PVC tip TM2

Marcaj: SC ELECTROPLAST SA ,simbol cablu

Temperatura max. de lucru in functionarea de durata: 70°C

Temperatura max. in scurtcircuit

150 °C ,timp de max 5 secunde

Raza minima de curbura

9x diametru cordonului in utilizari mobile

4x diametru cordonului in utilizari stationare

Forta maxima de tragere la pozare

15 N/mm² pe sectiunea totala de cupru

Cod de culori

2 conductoare: maro/albastru

3 conductoare: verde-galben/maro/albastru;
negru/albastru/maro

4 conductoare: verde-galben/negru/albastru/maro
negru/albastru/maro/negru

5 conductoare: verde-galben/negru/albastru/maro/negru
negru/albastru/maro/negru/negru

Culoarea mantalei

Neagra, alba, gri

Se admit si alte culori la solicitarea clientului

Standard: SR HD 21 5 S3; IEC 60227/5

Rated voltage U_0/U : 0.3/0.5 kV

Applications: Power supply to average-duty household appliances at nominal voltages U_0/U up to 450/750 V.

Copper conductor:

Multiwire annealed copper conductor (class 5) SR EN 60228

Insulation:

PVC type TI2

Sheath:

PVC type TM2

Marking: SC ELECTROPLAST SA, cable symbol

Max. long-run operational temperature: 70°C

Max. temperature during short-circuit :

150 °C for max. 5 secunde

Min. bending radius:

9 x cord diameter in mobile applications

4 x cord diameter in stationary applications

Max. tensile strain during installation :

15 N/mm² on the entire copper cross-section

Color coding :

2 conductors: brown / blue

3 conductors: yellow-green / brown / blue
black / blue / brown

4 conductors: yellow-green / black / blue / brown
black / blue / brown / black

5 conductors: yellow – green / black / blue / brown / black
black / blue / brown / black / black

Sheath colors

Black, white, gray

Other colors upon customer request.

MYYM; H05VVH2-F; H05VV-F



Cordoane cu izolatie si manta de PVC

PVC – insulated and sheathed cords

Tipodi- mensiune cordon <i>Cord size</i>	Diam. max. al firului de cupru <i>Max. diam. of copper wire mm</i>	Grosime radiala izolatii, <i>Radial thickness of insulation mm</i>	Grosime radiala manta <i>Radial thickness of sheath mm</i>	Rezistenta electrica max, la 20°C <i>Max. resistance at 20°C Ω/km</i>	Rezistenta minima de izolatii la 70°C <i>Min resistance of insulation at 70°C MΩ*km</i>	Diametru exterior nominal <i>Nominal outer diameter mm</i>	Masa inf <i>Mass, inf kg/km</i>
H05VVH2-F							
2x0.75	0.21	0.6	0.8	26.0	0.011	4x6.4	59
2x1	0.21	0.6	0.8	19.5	0.010	4.1x6.6	67
H05VV-F							
2x0.75	0.21	0.6	0.8	26.0	0.011	6.2	55
2x1	0.21	0.6	0.8	19.5	0.010	6.6	65
2x1.5	0.26	0.7	0.8	13.3	0.010	7.4	84
2x2.5	0.26	0.8	1.0	7.98	0.0095	9.2	132
2x4	0.31	0.8	1.1	4.95	0.0078	10.8	199
3x0.75	0.21	0.6	0.8	26.0	0.011	6.4	64
3x1	0.21	0.6	0.8	19.5	0.010	6.9	76
3x1.5	0.26	0.7	0.9	13.3	0.010	7.9	102
3x2.5	0.26	0.8	1.1	7.98	0.0095	9.8	161
3x4	0.31	0.8	1.2	4.95	0.0078	11.4	238
4x0.75	0.21	0.6	0.8	26.0	0.011	7.2	81
4x1	0.21	0.6	0.9	19.5	0.010	7.9	100
4x1.5	0.26	0.7	1.0	13.3	0.010	9.0	134
4x2.5	0.26	0.8	1.1	7.98	0.0095	10.9	205
4x4	0.31	0.8	1.2	4.95	0.0078	12.7	303
5x0.75	0.21	0.6	0.9	26.0	0.011	8.0	101
5x1	0.21	0.6	0.9	19.5	0.010	8.6	120
5x1.5	0.26	0.7	1.1	13.3	0.010	10.0	167
5x2.5	0.26	0.8	1.2	7.98	0.0095	12.1	254
5x4	0.31	0.8	1.4	4.95	0.0078	14.3	380



Cordoane cu izolatie si manta de PVC rezistenta la ulei

Standard de fabricatie: SR HD 21 13 S1; VDE 0250

Tensiune nominala U_0/U : 0.3/0.5 kV

Temperatura de utilizare : -5°C÷+70°C

* la solicitarea clientului, se poate realiza cablu cu rezistenta la temperatura: -40°C÷+70°C

Domeniul de utilizare

Sunt utilizate la masini si echipamente industriale in ca re este necesara rezistenta cablurilor la ulei

Conductor de cupru

Conductor de cupru recopt multifilar (clasa 5), SR EN 60228

Izolatie

PVC tip TI2

Manta

PVC tip TM5

Marcaj

SC ELECTROPLAST SA ,simbol cablu

Temperatura max. de lucru in functionarea de durata:70°C

Temperatura max. in scurtcircuit

150 °C ,timp de max 5 secunde

Raza minima de curbura

9xdiametru cordonului in utilizari mobile

4x diametru cordonului in utilizari stationare

Forta maxima de tragere la pozare

15 N/mm² pe sectiunea totala de cupru

Cod de culori

cu conductor verde-galben si restul, conductoare negre si numerotate sau

Culoarea mantalei : gri

Se admit si alte culori la solicitarea clientului

Oil resistant PVC – insulated and sheathed cords

Standard: SR HD 21 13 S1;

Rated voltage U_0/U : 0.3/0.5 kV

Temperature range: -5°C÷+70°C

* on inquiry, we can produce in temperature range: -40°C÷+70°C

Applications : Industrial equipment and machinery that require oil resistant cables

Copper conductor:

Multiwire annealed copper conductor (class 5) SR EN 60228

Insulation:

PVC type TI2

Sheath:

PVC type TM5

Marking :

SC ELECTROPLAST SA, cable symbol

Max. long-run operational temperature: 70°C

Max. temperature during short-circuit :

150 °C for max. 5 secunde

Min. bending radius:

9 x cord diameter in mobile applications

4 x cord diameter in stationary applications

Max. tensile strain during installation :

15 N/mm² on the entire copper cross-section

Color coding :

with yellow-green conductor and black numbered conductors or;

Sheath colors: gray

Other colors upon customer request.



**Cordoane cu izolatie si manta de PVC
rezistenta la ulei**

**Oil resistant PVC – insulated and
sheathed cords**

Tipodi-mensiune Cord size	Diam. max. al firului de cupru Max. diam. of copper wire mm	Grosime radiala izolatiei, 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	Rezistenta minima de izolatia la 70°C Min resistance of insulation at 70°C MΩ*km	Diametru exterior nominal Nominal outer diameter mm	Masa inf Mass, inf kg/km
2x0.5	0.21	0.6	0.7	39.0	0.013	5.8	35
2x0.75	0.21	0.6	0.8	26.0	0.011	6.4	46
2x1	0.21	0.6	0.8	19.5	0.010	6.8	53
2x1.5	0.26	0.7	0.8	13.3	0.010	7.8	71
2x2.5	0.26	0.8	0.9	7.98	0.009	9.4	106
3x0.5	0.21	0.6	0.7	39.0	0.013	6.1	45
3x0.75	0.21	0.6	0.8	26.0	0.011	6.8	59
3x1	0.21	0.6	0.8	19.5	0.010	7.2	70
3x1.5	0.26	0.7	0.9	13.3	0.010	8.5	98
3x2.5	0.26	0.8	1.0	7.98	0.009	10.2	147
4x0.5	0.21	0.6	0.8	39.0	0.013	6.9	59
4x0.75	0.21	0.6	0.8	26.0	0.011	7.4	74
4x1	0.21	0.6	0.8	19.5	0.010	7.8	87
4x1.5	0.26	0.7	0.9	13.3	0.010	9.2	123
4x2.5	0.26	0.8	1.1	7.98	0.009	11.3	191
5x0.5	0.21	0.6	0.8	39.0	0.013	7.5	70
5x0.75	0.21	0.6	0.9	26.0	0.011	8.2	92
5x1	0.21	0.6	0.9	19.5	0.010	8.8	109
5x1.5	0.26	0.7	1.0	13.3	0.010	10.3	153
5x2.5	0.26	0.8	1.1	7.98	0.009	12.4	231
6x0.5	0.21	0.6	0.9	39.0	0.013	8.3	85
6x0.75	0.21	0.6	0.9	26.0	0.011	8.9	107
6x1	0.21	0.6	1.0	19.5	0.010	9.7	132
6x1.5	0.26	0.7	1.1	13.3	0.010	11.4	184
6x2.5	0.26	0.8	1.2	7.98	0.009	13.7	277
7x0.5	0.21	0.6	0.9	39.0	0.013	8.3	94
7x0.75	0.21	0.6	1.0	26.0	0.011	9.1	123
7x1	0.21	0.6	1.0	19.5	0.010	9.7	146
7x1.5	0.26	0.7	1.2	13.3	0.010	11.6	211
7x2.5	0.26	0.8	1.3	7.98	0.009	13.9	317
12x0.5	0.21	0.6	1.1	39.0	0.013	11.1	158
12x0.75	0.21	0.6	1.1	26.0	0.011	12.0	201
12x1	0.21	0.6	1.2	19.5	0.010	13.0	247
12x1.5	0.26	0.7	1.3	13.3	0.010	15.3	345
12x2.5	0.26	0.8	1.5	7.98	0.009	18.6	532
18x0.5	0.21	0.6	1.2	39.0	0.013	13.1	226
18x0.75	0.21	0.6	1.3	26.0	0.011	14.3	296
18x1	0.21	0.6	1.3	19.5	0.010	15.3	355
18x1.5	0.26	0.7	1.5	13.3	0.010	18.2	507



**Cordoane cu izolatie si manta de PVC
rezistenta la ulei**

**Oil resistant PVC – insulated and
sheathed cords**

Tipodi- mensiune cordon <i>Cord size</i>	Diam. max. al firului de cupru <i>Max. diam. of copper wire mm</i>	Grosime radiala izolatie, <i>Radial thickness of insulation mm</i>	Grosime radiala manta <i>Radial thickness of sheath mm</i>	Rezistenta electrica max,la 20°C <i>Max. resistance at 20°C Ω/km</i>	Rezistenta minima de izolatie la 70°C <i>Min resistance of insulation at 70°C MΩ*km</i>	Diametru exterior nominal <i>Nominal outer diameter mm</i>	Masa inf <i>Mass, inf kg/km</i>
18x2.5	0.26	0.8	1.8	7.98	0.009	22.3	789
27x0.5	0.21	0.6	1.4	39.0	0.013	15.9	333
27x0.75	0.21	0.6	1.5	26.0	0.011	17.4	436
27x1	0.21	0.6	1.5	19.5	0.010	18.6	524
27x1.5	0.26	0.7	1.8	13.3	0.010	22.3	756
27x2.5	0.26	0.8	2.1	7.98	0.009	27.2	1170
36x0.5	0.21	0.6	1.5	39.0	0.013	17.9	432
36x0.75	0.21	0.6	1.6	26.0	0.011	19.5	567
36x1	0.21	0.6	1.7	19.5	0.010	21.1	693
36x1.5	0.26	0.7	2.0	13.3	0.010	25.2	994
36x2.5	0.26	0.8	2.3	7.98	0.009	30.7	1536
48x0.5	0.21	0.6	1.7	39.0	0.013	20.7	573
48x0.75	0.21	0.6	1.8	26.0	0.011	22.6	751
48x1	0.21	0.6	1.9	19.5	0.010	24.4	917
48x1.5	0.26	0.7	2.2	13.3	0.010	29.1	1312
48x2.5	0.26	0.8	2.4	7.98	0.009	35.2	2008
60x0.5	0.21	0.6	1.8	39.0	0.013	22.7	703
60x0.75	0.21	0.6	2.0	26.0	0.011	24.9	934
60x1	0.21	0.6	2.1	19.5	0.010	26.9	1139
60x1.5	0.26	0.7	2.4	13.3	0.010	32.0	1625
60x2.5	0.26	0.8	2.4	7.98	0.009	38.3	2452

H05V2V2H2-F H05V2V2-F



Cordoane cu izolatie si manta de PVC, rezistente la caldura

Standard de fabricatie: SR HD 21 12 S1

Tensiune nominala U_0/U : 0.3/0.5 kV

Domeniul de utilizare

Cordoanele sunt utilizate pentru alimentarea cu energie a aparaturii electrocasnice cu solicitari normale la tensiuni nominale U_0/U pana la 450/750 V.

Conductor de cupru

Conductor de cupru recopt multifilar (clasa 5), SR EN 60228

Izolatie

PVC tip TI3

Manta

PVC tip TM3

Marcaj

SC ELECTROPLAST SA ,simbol cablu

Temperatura max. de lucru in functionarea de durata: 90°C

Temperatura max. in scurtcircuit

150 °C , timp de max 5 secunde

Raza minima de curbura

9x diametru cordonului in utilizari mobile

4x diametru cordonului in utilizari stationare

Forta maxima de tragere la pozare

15 N/mm² pe sectiunea totala de cupru

Cod de culori

2 conductoare: maro/albastru

3 conductoare: verde-galben/maro/albastru
negru/albastru/maro

4 conductoare: verde-galben/negru/albastru/maro
negru/albastru/maro/negru

5 conductoare: verde-galben/negru/albastru/maro/negru
negru/albastru/maro/negru/negru

Culoarea mantalei

Neagra, alba, gri

Se admit si alte culori la solicitarea clientului

PVC – insulated and sheathed heat-resistant cords

Standard: SR HD 21 12 S1

Rated voltage U_0/U : 0.3/0.5 kV

Applications :

Power supply to average-duty household appliances at nominal voltages U_0/U up to 450/750 V.

Copper conductor:

Multiwire annealed copper conductor (class 5) SR EN 60228

Insulation:

PVC type TI3

Sheath:

PVC type TM3

Marking :

SC ELECTROPLAST SA, cable symbol

Max. long-run operational temperature: 90°C

Max. temperature during short-circuit :

150 °C for max. 5 secunde

Min. bending radius:

9 x cord diameter in mobile applications

4 x cord diameter in stationary applications

Max. tensile strain during installation :

15 N/mm² on the entire copper cross-section

Color coding :

2 conductors: brown / blue

3 conductors: yellow-green / brown / blue
black / blue / brown

4 conductors: yellow-green / black / blue / brown
black / blue / brown / black

5 conductors: yellow – green / black / blue / brown / black
black / blue / brown / black / black

Sheath colors

Black, white, gray

Other colors upon customer request.



Cordoane cu izolatie si manta de PVC rezistenta la ulei si temperatura scazuta

Standard de fabricatie: ÖVE/ÖNORM E 8241-55

Tensiune nominala U_o/U : 0.45/0.75 Kv

Tensiune de incercare : 2.5 kV /50 Hz

Temperatura de utilizare : -35°C÷+70°C

Domeniul de utilizare

Sunt utilizate la masini si echipamente industriale in ca re este necesara rezistenta cablurilor la ulei si temperatura scazuta

Conductor de cupru

Conductor de cupru recopt multifilar (clasa 5), SR EN 60228

Izolatie

PVC tip TI2 -35° C

Manta

PVC tip TM5 -35° C

Marcaj

Simbol cablu , luna/anul ,CE

Ex AT-N07V3V3-F 3x1.5 K35 0.2/2010 CE

Temperatura max. in scurtcircuit

150 °C ,timp de max 5 secunde

Raza minima de curbura

9xdiametru cordonului in utilizari mobile

4x diametru cordonului in utilizari stationare

Forta maxima de tragere la pozare

15 N/mm² pe sectiunea totala de cupru

Cod de culori conf SR HD 308 S2

2 conductoare

maro/albastru

3 conductoare

galben-verde/albastru/maro

4 conductoare

galben-verde/ /maro/negru/gri

5 conductoare

galben-verde/albastru/maro/negru/gri

Culoarea mantalei : galben RAL 1021

Oil resistant PVC and low temperature – insulated and sheathed cords

Standard: ÖVE/ÖNORM E 8241-55

Rated voltage U_o/U : 0.45/0.75 kV

Test voltage : 2.5 kV /50 Hz

Temperature range:-35°C÷+70°C

Applications : Industrial equipment and machinery that require oil resistant cables and low temperature

Copper conductor:

Multiwire annealed copper conductor (class 5) SR EN 60228

Insulation:

PVC type TI2 -35°

Sheath:

PVC type TM5 -35° C

Marking :

cable symbol ,month/year,CE

Ex AT-N07V3V3-F 3x1.5 K35 0.2/2010 CE

Max. temperature during short-circuit :

150 °C for max. 5 secunde

Min. bending radius:

9 x cord diameter in mobile applications

4 x cord diameter in stationary applications

Max. tensile strain during installation :

15 N/mm² on the entire copper cross-section

Color coding according HD 308 S2:

2 conductors

brown / blue

3 conductors

yellow-green / blue/ brown

4 conductors

yellow-green / brown/ black / grey

5 conductors

yellow-green / blue/ brown/ black / grey

Sheath colors: yellow RAL 1021



**Cordoane cu izolatie si manta de PVC
rezistenta la ulei si temperatura
scazuta**

**Oil resistant PVC and low
temperature – insulated and
sheathed cords**

Tipodi- mensiune cordon <i>Cord size</i>	Diam. max. al firului de cupru <i>Max. diam. of copper wire mm</i>	Grosime radiala izolatii, <i>Radial thickness of insulation mm</i>	Grosime radiala manta <i>Radial thickness of sheath mm</i>	Rezistenta electrica max,la 20°C <i>Max. resistance at 20°C Ω/km</i>	Rezistenta minima de izolatii la 70°C <i>Min resistance of insulation at 70°C MΩ*km</i>	Diametru exterior nominal <i>Nominal outer diameter mm</i>	Masa inf <i>Mass, inf kg/km</i>
3x1.5	0.25	0.8	1.6	13.3	0.0110	9.9±0.1	140
4x1.5	0.25	0.8	1.7	13.3	0.0110	10.9±0.1	166
5x1.5	0.25	0.8	1.8	13.3	0.0110	12.0±0.1	213
3x2.5	0.25	0.9	1.8	7.98	0.0104	11.8±0.1	210
4x2.5	0.25	0.9	1.9	7.98	0.0104	13.0±0.1	260
5x2.5	0.25	0.9	2.0	7.98	0.0104	14.3±0.1	316
3x4	0.3	1.0	1.9	4.95	0.0093	13.5±0.1	287
4x4	0.3	1.0	2.0	4.95	0.0093	14.9±0.1	363
5x4	0.3	1.0	2.2	4.95	0.0093	16.6±0.1	451
3x6	0.3	1.0	2.1	3.30	0.0072	15.4±0.1	336
4x6	0.3	1.0	2.3	3.30	0.0072	17.1±0.1	434
5x6	0.3	1.0	2.5	3.30	0.0072	19.0±0.1	535
4x10	0.4	1.2	3.4	1.91	0.0065	23.7±0.1	788
5x10	0.4	1.2	3.6	1.91	0.0065	26.0±0.1	960
4x16	0.4	1.2	3.6	1.21	0.0054	27.0±0.1	1100
5x16	0.4	1.2	3.9	1.21	0.0054	29.9±0.1	1360

H05V2V2H2-F**H05V2V2-F**

Cordoane cu izolatie si manta de PVC, rezistente la caldura

PVC – insulated and sheathed heat-resistant cords

Tipodimensiune cordon <i>Cord size</i>	Diam. max. al firului de cupru <i>Max. diam. of copper wire mm</i>	Grosime radiala izolatii, <i>Radial thickness of insulation mm</i>	Grosime radiala manta <i>Radial thickness of sheath mm</i>	Rezistenta electrica max, la 20°C <i>Max. resistance at 20°C Ω/km</i>	Rezistenta minima de izolatii la 90°C <i>Min resistance of insulation at 90°C MΩ*km</i>	Diametru exterior nominal <i>Nominal outer diameter mm</i>	Masa inf <i>Mass, inf kg/km</i>
H05V2V2H2-F							
2x0.75	0.21	0.6	0.8	26.0	0.011	4x6.4	59
2x1	0.21	0.6	0.8	19.5	0.010	4.1x6.6	67
H05V2V2-F							
2x0.75	0.21	0.6	0.8	26.0	0.011	6.2	55
2x1	0.21	0.6	0.8	19.5	0.010	6.6	65
2x1.5	0.26	0.7	0.8	13.3	0.010	7.4	84
2x2.5	0.26	0.8	1.0	7.98	0.009	9.2	132
2x4	0.31	0.8	1.1	4.95	0.007	10.8	199
3x0.75	0.21	0.6	0.8	26.0	0.011	6.4	64
3x1	0.21	0.6	0.8	19.5	0.010	6.9	76
3x1.5	0.26	0.7	0.9	13.3	0.010	7.9	102
3x2.5	0.26	0.8	1.1	7.98	0.009	9.8	161
3x4	0.31	0.8	1.2	4.95	0.007	11.4	238
4x0.75	0.21	0.6	0.8	26.0	0.011	7.2	81
4x1	0.21	0.6	0.9	19.5	0.010	7.9	100
4x1.5	0.26	0.7	1.0	13.3	0.010	9.0	134
4x2.5	0.26	0.8	1.1	7.98	0.009	10.9	205
4x4	0.31	0.8	1.2	4.95	0.007	12.7	303
5x0.75	0.21	0.6	0.9	26.0	0.011	8.0	101
5x1	0.21	0.6	0.9	19.5	0.010	8.6	120
5x1.5	0.26	0.7	1.1	13.3	0.010	10.0	167
5x2.5	0.26	0.8	1.2	7.98	0.009	12.1	254
5x4	0.31	0.8	1.4	4.95	0.007	14.3	380

MYYU; MYYUp; H03VV-F; H03VVH2-F



Cordoane cu izolatie si manta de PVC

PVC – insulated and sheathed cords

Standard de fabricatie: SR HD 21 5 S3; IEC 60227/5

Tensiune nominala U_0/U : 0.3/0.3 kV

Domeniul de utilizare

Cordoanele sunt utilizate pentru alimentarea cu energie a aparaturii electrocasnice cu solicitari mici la tensiune U_0/U : pana la 300/300 V.

Conductor de cupru

Conductor de cupru recopt multifilar (clasa 5),
SR EN 60228

Izolatie

PVC tip T12

Manta

PVC tip TM2

Marcaj

SC ELECTROPLAST SA ,simbol cablu

Temperatura max. de lucru in functionarea de durata: 70°C

Temperatura max. in scurtcircuit

150 °C ,timp de max 5 secunde

Raza minima de curbura

6x diametru cordonului

Forta maxima de tragere la pozare

15 N/mm² pe sectiunea totala de cupru

Cod de culori

2 conductoare

maro/albastru

3 conductoare

verde-galben/maro/albastru

negru/albastru/maro

4 conductoare

verde-galben/negru/albastru/maro

negru/albastru/maro/negru

Culoarea mantalei

Neagra, alba, gri

Se admit si alte culori la solicitarea clientului

Standard: SR HD 21 5 S3; IEC 60227/5

Rated voltage U_0/U : 0.3/0.3 kV

Applications :

Power supply to light-duty household appliances at voltages U_0/U up to 300/300 V.

Copper conductor:

Multiwire annealed copper conductor (class 5)
SR EN 60228

Insulation:

PVC type T12

Sheath:

PVC type TM2

Marking :

SC ELECTROPLAST SA, cable symbol

Max. long-run operational temperature: 70°C

Max. temperature during short-circuit :

150 °C for max. 5 secunde

Min. bending radius:

6 x cord diameter

Max. tensile strain during installation :

15 N/mm² on the entire copper cross-section

Color coding :

2 conductors

brown / blue

3 conductors

yellow-green / brown / blue

black / blue / brown

4 conductors

yellow-green / black / blue / brown

black / blue / brown / black

Sheath colors

Black, white, gray

Other colors upon customer request.

MYYU; MYYUp; H03VV-F; H03VVH2-F



Cordoane cu izolatie si manta de PVC

PVC – insulated and sheathed cords

Tipodimensiune cordon <i>Cord size</i>	Diam. max. al firului de cupru <i>Max. diam. of copper wire mm</i>	Grosime radiala izolatii, <i>Radial thickness of insulation mm</i>	Grosime radiala manta <i>Radial thickness of sheath mm</i>	Rezistenta electrica max, la 20°C <i>Max. resistance at 20°C Ω/km</i>	Rezistenta minima de izolatii la 70°C <i>Min resistance of insulation at 70°C MΩ*km</i>	Diametru exterior nominal <i>Nominal outer diameter mm</i>	Masa inf <i>Mass, inf kg/km</i>
MYYUp H03VVH2-F							
2x0.5	0.21	0.5	0.6	39	0.011	3.2x5.2	28
2x0.75	0.21	0.5	0.6	26	0.010	3.3x5.4	33
2x1	0.21	0.5	0.6	19.5	0.010	3.5x5.8	38
MYYU H03VV-F							
2x0.5	0.21	0.5	0.6	39	0.011	5.0	37
2x0.75	0.21	0.5	0.6	26	0.010	5.4	45
3x0.5	0.21	0.5	0.6	39	0.011	5.2	43
3x0.75	0.21	0.5	0.6	26	0.010	5.6	53
4x0.5	0.21	0.5	0.6	39	0.011	5.8	54
4x0.75	0.21	0.5	0.6	26	0.010	6.3	67

H03V2V2-F; H03V2V2H2-F



Cordoane cu izolatie si manta de PVC

PVC – insulated and sheathed cords

Standard de fabricatie: SR HD 21 12 S1

Tensiune nominala U_0/U : 0.3/0.3 kV

Domeniul de utilizare

Cordoanele sunt utilizate pentru alimentarea cu energie a aparaturii electrocasnice cu solicitari mici la tensiune U_0/U : pana la 300/300 V.

Conductor de cupru

Conductor de cupru recopt multifilar (clasa 5),
SR EN 60228

Izolatie

PVC tip TI3

Manta

PVC tip TM3

Marcaj

SC ELECTROPLAST SA ,simbol cablu

Temperatura max. de lucru in functionarea de durata:90°C

Raza minima de curbura

6xdiametru cordonului

Forta maxima de tragere la pozare

15 N/mm² pe sectiunea totala de cupru

Cod de culori

2 conductoare

maro/albastru

3 conductoare

verde-galben/maro/albastru

negru/albastru/maro

4 conductoare

verde-galben/negru/albastru/maro

negru/albastru/maro/negru

Culoarea mantalei

Neagra,alba,gri

Se admit si alte culori la solicitarea clientului

Standard: SR HD 21 12 S1

Rated voltage U_0/U : 0.3/0.3 kV

Applications :

Power supply to light-duty household appliances at voltages U_0/U up to 300/300 V.

Copper conductor:

Multiwire annealed copper conductor (class 5)
SR EN 60228

Insulation:

PVC type TI3

Sheath:

PVC type TM3

Marking :

SC ELECTROPLAST SA, cable symbol

Max. long-run operational temperature: 90°C

Min. bending radius:

6 x cord diameter

Max. tensile strain during installation :

15 N/mm² on the entire copper cross-section

Color coding :

2 conductors

brown / blue

3 conductors

yellow-green / brown / blue

black / blue / brown

4 conductors

yellow-green / black / blue / brown

black / blue / brown / black

Sheath colors

Black, white, gray

Other colors upon customer request.

H03V2V2-F; H03V2V2H2-F



Cordoane cu izolatie si manta de PVC

PVC – insulated and sheathed cords

Tipodi- mensiune cordon <i>Cord size</i>	Diam. max. al firului de cupru <i>Max. diam. of copper wire mm</i>	Grosime radiala izolatie, <i>Radial thickness of insulation mm</i>	Grosime radiala manta <i>Radial thickness of sheath mm</i>	Rezistenta electrica max,la 20°C <i>Max. resistance at 20°C Ω/km</i>	Rezistenta minima de izolatie la 90°C <i>Min resistance of insulation at 90°C MΩ*km</i>	Diametru exterior nominal <i>Nominal outer diameter mm</i>	Masa inf <i>Mass, inf kg/km</i>
H03V2V2H2-F							
2x0.5	0.21	0.5	0.6	39	0.012	3.2x5.2	28
2x0.75	0.21	0.5	0.6	26	0.010	3.3x5.4	33
H03V2V2-F							
2x0.5	0.21	0.5	0.6	39	0.012	5.0	37
2x0.75	0.21	0.5	0.6	26	0.010	5.4	45
3x0.5	0.21	0.5	0.6	39	0.012	5.2	43
3x0.75	0.21	0.5	0.6	26	0.010	5.6	53
4x0.5	0.21	0.5	0.6	39	0.012	5.8	54
4x0.75	0.21	0.5	0.6	26	0.010	6.3	67



Cordoane cu izolatie PVC fara manta

PVC – insulated flexible cords without sheath

Standard de fabricatie: SR HD 21 5 S3; IEC 60227/5
Tensiune nominala U₀/U : 0.3/0.3 kV

Domeniul de utilizare

Cordoanele sunt utilizate pentru alimentarea cu energie a aparaturii electrocasnice cu solicitari mici la tensiune U₀/U : pana la 300/300 V.

Conductor de cupru

Conductor de cupru recopt multifilar (clasa 5),
SR EN 60228

Izolatie

PVC tip T12

Marcaj

SC ELECTROPLAST SA ,simbol cablu

Temperatura max. de lucru in functionarea de durata: 70°C

Temperatura max. in scurtcircuit
150 °C ,timp de max 5 secunde

Raza minima de curbura

6x diametru cordonului

Culoarea cordonului

Neagra sau alba

Se admit si alte culori la solicitarea clientului

Standard: SR HD 21 5 S3; IEC 60227/5

Rated voltage U₀/U: 0.3/0.3 kV

Applications :

Power supply to light-duty household appliances at voltages U₀/U up to 300/300 V.

Copper conductor:

Multiwire annealed copper conductor (class 5)
SR EN 60228

Insulation:

PVC type T12

Marking :

SC ELECTROPLAST SA, cable symbol

Max. long-run operational temperature: 70°C

Max. temperature during short-circuit :
150 °C for max. 5 secunde

Min. bending radius:

6 x cord diameter

Color coding :

Sheath colors

Black or white

Other colors upon customer request.

Tipodimensiune cordon Cord size	Diam. max. al firului de cupru Max. diam. of copper wire mm	Grosime radiala izolatii, Radial thickness of insulation mm	Rezistenta electrica max, la 20°C Max. resistance at 20°C Ω/km	Rezistenta minima de izolatii la 70°C Min resistance of insulation at 70°C MΩ*km	Diametru exterior nominal Nominal outer diameter mm	Masa inf Mass, inf kg/km
2x0.5	0.21	0.8	39	0.015	2.5x5.1	22
2x0.75	0.21	0.8	26	0.014	2.7x5.5	27



Cordoane flexibile ecranate, cu izolație și manta de PVC

Standard de fabricație: ST 127

Tensiune nominală U_0/U : 0.3/0.5 kV

Domeniul de utilizare

Cordoanele sunt utilizate pentru alimentarea cu energie a aparaturii electrocasnice cu solicitări normale la tensiuni nominale U_0/U până la 450/750 V.

Conductor de cupru

Conductor de cupru recopt multifilar (clasa 5), SR EN 60228

Izolația

PVC tip TI2(YI1)

Ecran

Ecran din folie de aluminiu pe suport de poliester tip ALU/PET 9/12 μ și fir de continuitate de 0.4 mm

Manta

PVC tip TM2 (YM2)

Marcaj

SC ELECTROPLAST SA, simbol cablu

Temperatura max. de lucru în funcționarea de durată: 70°C

Temperatura max. în scurtcircuit

150 °C, timp de max 5 secunde

Raza minimă de curbura

9 x diametru cordonului în utilizări mobile

Forța maximă de tragere la pozare

15 N/mm² pe secțiunea totală de cupru

Cod de culori

2 conductoare: maro/albastru

3 conductoare: verde-galben/maro/albastru
negru/albastru/maro

4 conductoare: verde-galben/negru/albastru/maro
negru/albastru/maro/negru

5 conductoare: verde-galben/negru/albastru/maro/negru
negru/albastru/maro/negru/negru

Culoarea mantalei

Neagră, albă, gri

Se admit și alte culori la solicitarea clientului

PVC – insulated and sheathed cords, screened

Standard: ST 127

Rated voltage U_0/U : 0.3/0.5 kV

Domeniul de utilizare:

Power supply to average-duty household appliances at nominal voltages U_0/U up to 450/750 V.

Copper conductor:

Multiwire annealed copper conductor (class 5) SR EN 60228

Insulation:

PVC type TI2(YI1)

Screen

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

Sheath:

PVC type TM2 (YM2)

Marking :

SC ELECTROPLAST SA, cable symbol

Max. long-run operational temperature: 70°C

Max. temperature during short-circuit :

150 °C for max. 5 secunde

Min. bending radius:

9 x cord diameter in mobile applications

Max. tensile strain during installation :

15 N/mm² on the entire copper cross-section

Color coding :

2 conductors: brown / blue

3 conductors: yellow-green / brown / blue
black / blue / brown

4 conductors: yellow-green / black / blue / brown
black / blue / brown / black

5 conductors: yellow – green / black / blue / brown / black
black / blue / brown / black / black

Sheath colors

Black, white, gray

Other colors upon customer request.



Cordoane flexibile ecranate, cu izolație și manta de PVC

PVC – insulated and sheathed cords, screened

Tipodimensiune cordon <i>Cord size</i>	Diam. max. al firului de cupru <i>Max. diam. of copper wire mm</i>	Grosime radială izolație, <i>Radial thickness of insulation mm</i>	Grosime radială manta <i>Radial thickness of sheath mm</i>	Rezistență electrică max, la 20°C <i>Max. resistance at 20°C Ω/km</i>	Rezistență minimă de izolație la 70°C <i>Min resistance of insulation at 70°C MΩ*km</i>	Diametru exterior nominal <i>Nominal outer diameter mm</i>	Masa inf <i>Mass, inf kg/km</i>
2x0.75	0.21	0.6	0.8	26.0	0.011	6.2	47
2x1	0.21	0.6	0.8	19.5	0.010	6.6	54
2x1.5	0.26	0.7	0.8	13.3	0.010	7.4	69
2x2.5	0.26	0.8	1.0	7.98	0.0095	9.2	107
3x0.75	0.21	0.6	0.8	26.0	0.011	6.4	59
3x1	0.21	0.6	0.8	19.5	0.010	6.9	70
3x1.5	0.26	0.7	0.9	13.3	0.010	7.9	94
3x2.5	0.26	0.8	1.1	7.98	0.0095	9.8	146
4x0.75	0.21	0.6	0.8	26.0	0.011	7.2	74
4x1	0.21	0.6	0.9	19.5	0.010	7.9	91
4x1.5	0.26	0.7	1.0	13.3	0.010	9.0	122
4x2.5	0.26	0.8	1.1	7.98	0.0095	10.9	184
5x0.75	0.21	0.6	0.9	26.0	0.011	8.0	92
5x1	0.21	0.6	0.9	19.5	0.010	8.6	109
5x1.5	0.26	0.7	1.1	13.3	0.010	10.0	151
5x2.5	0.26	0.8	1.2	7.98	0.0095	12.1	227
7x1	0.21	0.6	1.0	19.5	0.010	9.9	145
7x1.5	0.26	0.7	1.2	13.3	0.010	11.5	200
7x2.5	0.26	0.8	1.2	7.98	0.0095	13.6	297
12x1	0.21	0.6	1.3	19.5	0.010	13.0	246
12x1.5	0.26	0.7	1.5	13.3	0.010	15.1	326
12x2.5	0.26	0.8	1.6	7.98	0.0095	18.5	514



Cordoane flexibile ecranate, cu izolație și manta de PVC

PVC – insulated and sheathed cords, screened

Standard de fabricație: ST 127

Tensiune nominală U_0/U : 0.3/0.5 kV

Domeniul de utilizare

Cordoanele sunt utilizate pentru alimentarea cu energie a aparaturii electrocasnice cu solicitări normale la tensiuni nominale U_0/U până la 450/750 V.

Conductor de cupru

Conductor de cupru recopt multifilar (clasa 5), SR EN 60228

Izolația

PVC tip T13

Ecran

Ecran din folie de aluminiu pe suport de poliester tip ALU/PET 9/12 μ și fir de continuitate de 0.4 mm

Manta

PVC tip TM3

Marcaj

SC ELECTROPLAST SA, simbol cablu

Temperatura max. de lucru în funcționarea de durată: 90°C

Temperatura max. în scurtcircuit

150 °C, timp de max 5 secunde

Raza minimă de curbura

9 x diametru cordonului în utilizări mobile

Forța maximă de tragere la pozare

15 N/mm² pe secțiunea totală de cupru

Cod de culori

2 conductoare: maro/albastru

3 conductoare: verde-galben/maro/albastru
negru/albastru/maro

4 conductoare: verde-galben/negru/albastru/maro
negru/albastru/maro/negru

5 conductoare: verde-galben/negru/albastru/maro/negru
negru/albastru/maro/negru/negru

Culoarea mantalei

Neagră, albă, gri

Se admit și alte culori la solicitarea clientului

Standard: ST 127

Rated voltage U_0/U : 0.3/0.5 kV

Applications :

Power supply to average-duty household appliances at nominal voltages U_0/U up to 450/750 V.

Copper conductor:

Multewire annealed copper conductor (class 5) SR EN 60228

Insulation:

PVC type T13

Screen

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

Sheath:

PVC type TM3

Marking :

SC ELECTROPLAST SA, cable symbol

Max. long-run operational temperature: 90°C

Max. temperature during short-circuit :

150 °C for max. 5 secunde

Min. bending radius:

9 x cord diameter in mobile applications

Max. tensile strain during installation :

15 N/mm² on the entire copper cross-section

Color coding :

2 conductors: brown / blue

3 conductors: yellow-green / brown / blue
black / blue / brown

4 conductors: yellow-green / black / blue / brown
black / blue / brown / black

5 conductors: yellow – green / black / blue / brown / black
black / blue / brown / black / black

Sheath colors

Black, white, gray

Other colors upon customer request.



Cordoane flexibile ecranate, cu izolație și manta de PVC

PVC – insulated and sheathed cords, screened

Tipodimensiune cordon <i>Cord size</i>	Diam. max. al firului de cupru <i>Max. diam. of copper wire mm</i>	Grosime radială izolație, <i>Radial thickness of insulation mm</i>	Grosime radială manta <i>Radial thickness of sheath mm</i>	Rezistență electrică max, la 20°C <i>Max. resistance at 20°C Ω/km</i>	Rezistență minimă de izolație la 90°C <i>Min resistance of insulation at 90°C MΩ*km</i>	Diametru exterior nominal <i>Nominal outer diameter mm</i>	Masa inf <i>Mass, inf kg/km</i>
2x0.75	0.21	0.6	0.8	26.0	0.011	6.2	47
2x1	0.21	0.6	0.8	19.5	0.010	6.6	54
2x1.5	0.26	0.7	0.8	13.3	0.010	7.4	69
2x2.5	0.26	0.8	1.0	7.98	0.009	9.2	107
3x0.75	0.21	0.6	0.8	26.0	0.011	6.4	59
3x1	0.21	0.6	0.8	19.5	0.010	6.9	70
3x1.5	0.26	0.7	0.9	13.3	0.010	7.9	94
3x2.5	0.26	0.8	1.1	7.98	0.009	9.8	146
4x0.75	0.21	0.6	0.8	26.0	0.011	7.2	74
4x1	0.21	0.6	0.9	19.5	0.010	7.9	91
4x1.5	0.26	0.7	1.0	13.3	0.010	9.0	122
4x2.5	0.26	0.8	1.1	7.98	0.009	10.9	184
5x0.75	0.21	0.6	0.9	26.0	0.011	8.0	92
5x1	0.21	0.6	0.9	19.5	0.010	8.6	109
5x1.5	0.26	0.7	1.1	13.3	0.010	10.0	151
5x2.5	0.26	0.8	1.2	7.98	0.009	12.1	227
7x1	0.21	0.6	1.0	19.5	0.010	9.9	145
7x1.5	0.26	0.7	1.2	13.3	0.010	11.5	200
7x2.5	0.26	0.8	1.2	7.98	0.009	13.6	297
12x1	0.21	0.6	1.3	19.5	0.010	13.0	246
12x1.5	0.26	0.7	1.5	13.3	0.010	15.1	326
12x2.5	0.26	0.8	1.6	7.98	0.009	18.5	514