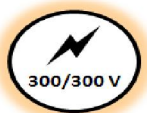


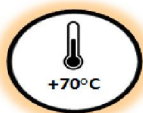


Cordon cu izolatie si manta de PVC

PVC – insulated and sheathed cords



Tensiune nominala U₀/U: 0.3/0.3 kV
Tensiune de incercare: 2000 V, 15 min



Domeniul de utilizare

Cordoanele sunt utilizate pentru alimentarea cu energie a aparaturii electrocasnice cu solicitari normale la tensiuni nominale U₀/U pana la 450/750 V.

Cablurile sunt utilizate pentru blocare, masurare, control tehnologic sau transmitere de date.

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

Temperatura minima de utilizare: -20°C

Temperatura max. in scurtcircuit (max 5 secunde): +150°C

* Cablurile prezinta rezistenta la UV

Conductor de cupru

Conductor de cupru recopt multifilar, clasa 5 conf. SR EN 60228

Izolatie: PVC

Pasul de cablare al perechii: 25 mm

Manta

PVC

Cordonul este cu rezistenta marita la propagarea flacarii, conf. SR EN 60332-3-24/ cat.C

Marcaj

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

Raza minima de curbura

6 x diametru cordonului

Forta maxima de tragere la pozare

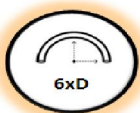
15 N/mm² pe sectiunea totala de cupru

Cod de culori

2 conductoare 1,5 mm negre numerotate

- Perechea 1-verde-roz
- Perechea 2-marou-alb
- Perechea 3-gri-galben

Culoarea mantalei: gri RAL7045



Rated voltage U₀/U: 0.3/0.3 kV
Test voltage: 2.0 kV AC, 15 min

Applications

Power supply to average-duty household appliances at nominal voltages U₀/U up to 450/750 V.

Data cables, used for blocking, measuring, technological control and similar applications.

Max. long-run operational temperature: +70°C

Min. long-run operational temperature: -20°C

Max. temperature during short-circuit (max. 5 seconds): +150°C

* UV resistant cables

Copper conductor

Flexible conductor, class 5 according to SR EN 60228

Insulation: PVC

Twisting max 25 mm

Sheath

PVC

Extra flame retardant cable, test according to SR EN 60332-3-24/ C category

Marking

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

Min. bending radius

6 x cord diameter

Max. tensile strain during installation

15 N/mm² on the entire copper cross-section

Color coding

2x1.5 mm² - black cores numbered

- pair 1-green-pink
- pair 2-brown-white
- pair 3-gray-yellow

Sheath colors: gray RAL7045

LIYY PVC FLEX 3x(2x0.5)+2x1.5**Cordon cu izolatie si manta de PVC****PVC – insulated and sheathed cords**

Tipodimensiune cordon	Diam. max. al firului de cupru	Diam cond izolat,	Grosime radiala manta	Diametru exterior nominal	Rezistenta electrica max, la 20°C	Masa inf
<i>Cord size</i>	<i>Max. diam. of copper wire</i>	<i>Conductor diameter insulated</i>	<i>Radial thickness of sheath</i>	<i>Nominal outer diameter</i>	<i>Max. resistance at 20°C</i>	<i>Mass, inf</i>
	mm	mm	mm	mm	Ω/km	kg/km
3x(2x0.5)+ 2x1.5	0.5 mm ² -0.2 1.5 mm ² -0.25	0.5 mm ² -1.6 1.5 mm ² -2.4	1.0	8.7±0.1	0.5 mm ² -39.0 1.5 mm ² -13.3	110