

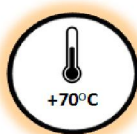


## Cordon cu izolatie si manta de PVC

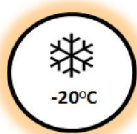
## PVC – insulated and sheathed cords



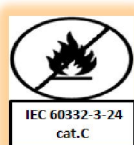
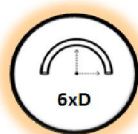
300/300 V



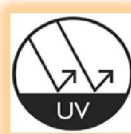
+70°C



-20°C

IEC 60332-3-24  
cat.C

6xD



UV



MIN -5°C

RoHS  
COMPLIANT

**Tensiune nominala U<sub>0</sub>/U:** 0.3/0.3 kV  
**Tensiune de incercare:** 2000 V, 15 min

**Domeniul de utilizare**

Cordoanele sunt utilizate pentru alimentarea cu energie a aparatului electrocasnice cu solicitari normale la tensiuni nominale U<sub>0</sub>/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 recept 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/mm<sup>2</sup> pe sectiunea totala de cupru

**Cod de culori**

5 conductoare 1,5 mm<sup>2</sup> - 1 cond g-v/1 cond albastru deschis/3 cond negre numerotate

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

**Culoarea mantalei:** gri, RAL 7045

**Rated voltage U<sub>0</sub>/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 U<sub>0</sub>/U up to 450/750 V.

Data cables, used for blocking, measuring, tehnological 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/mm<sup>2</sup> on the entire copper cross-section

**Color coding**

5 core 1.5 mm<sup>2</sup> - g-v/ blue/ 3 core black numbered

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

**Sheath colors:** gray, RAL 7045

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<b>Tipodimensiune cordon</b>  <i>Cord size</i>	<b>Diam. max. al firului de cupru</b> <i>Max. diam. of copper wire</i>  mm	<b>Diam cond izolat,</b>  <i>Conductor diameter insulated</i>  mm	<b>Grosime radiala manta</b>  <i>Radial thickness of sheath</i>  mm	<b>Diametru exterior nominal</b>  <i>Nominal outer diameter</i>  mm	<b>Rezistenta electrica max,la 20°C</b> <i>Max. resistance at 20°C</i>  Ω/km	<b>Masa inf</b>  <i>Mass, inf</i>  kg/km
<b>3x(2x0.5)+ 5x1.5</b>	0.5 mm <sup>2</sup> -0.2 1.5 mm <sup>2</sup> -0.25	0.5 mm <sup>2</sup> -1.6 1.5 mm <sup>2</sup> -2.4	1.0	11.1±0.1	0.5 mm <sup>2</sup> -39.0 1.5 mm <sup>2</sup> -13.3	174