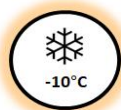
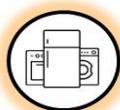




Cordoane cu izolatie si manta de PVC

PVC – insulated and sheathed cords



Standard de fabricatie: EN 50525-2-11:2011
Tensiune nominala U_0/U : 0.3/0.5 kV
Tensiunea de incercare: 2000 V, timp de 5 minute

Domeniul de utilizare

Cordoanele sunt utilizate pentru alimentarea cu energie a aparaturii electrocasnice cu solicitari normale la tensiuni nominale U_0/U pana la 300/500 V.

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

Temperatura minima a cablului (masurata pe manta):

- **ainla montaj:** +5°C
- **in exploatare:** -10°C

Temperatura max. in scurtcircuit (max 5 sec): +160°C

Conductor de cupru

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

Izolatie

PVC tip TI2

Manta

PVC tip TM2

Cablurile sunt cu intarziere la propagarea flacarii, incercare conf SR EN 60332-1-2

Certificare SR EN 50575- clasa Eca (H05VV-F)

Marcaj

SC ELECTROPLAST SA, simbol cablu, tensiune de lucru, an de fabricatie, Eca (H05VV-F)

Raza minima de curbura

9 x diametru cordonului in utilizari mobile
 4 x 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: galben-verde, maro, albastru maro, negru, gri
- 4 conductoare: galben-verde, maro, negru, gri albastru, maro, negru, gri
- 5 conductoare: galben-verde, albastru, maro, negru, gri
 negru, albastru, maro, negru, gri

Culoarea mantalei

Neagra, alba, gri

* Se admit si alte culori la solicitarea clientului

Standard: EN 50525-2-11:2011

Rated voltage U_0/U : 0.3/0.5 kV

Test voltage: 2000 V, for 5 minutes

Applications

Power supply to average-duty household appliances at nominal voltages U_0/U up to 300/500 V.

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

Min. cable temperature (masured on the sheath surface):

- **during installation:** +5°C
- **in operation:** -10°C

Max. temperature during short circuit (max. 5 seconds): +160 °C

Copper conductor

Flexible conductor (class 5), SR EN 60228

Insulation

PVC, TI2 type

Sheath

PVC, TM2 type

Flame retardant cables, test acc. to SR EN 60332-1-2
 SR EN 50575 certified- class Eca (H05VV-F)

Marking

SC ELECTROPLAST SA, cable symbol, operational voltage, manufacture year, Eca (H05VV-F)

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
 brown, black, gray
- 4 conductors: yellow-green, brown, black, gray
 blue, brown, black, gray
- 5 conductors: yellow – green, blue, brown, black,
 gray
 black, blue, brown, black, gray

Sheath color

Black, white, gray

* Other colors on customer's demand

H05VVH2-F, H05VV-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</i> mm	Grosime radiala izolatii, <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	Rezistenta minima de izolatii la 70°C <i>Min resistance of insulation at 70°C</i> MΩ*km	Diametru exterior nominal <i>Nominal outer diameter</i> mm	Masa inf <i>Mass, inf</i> kg/km
H05VVH2-F							
2x0.75	0.21	0.6	0.8	26.0	0.011	4.0x6.3	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