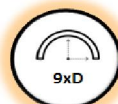
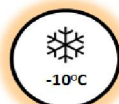
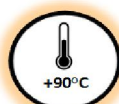
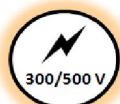


## H05V2V2H2-F, H05V2V2-F

### Cordoane cu izolatie si manta de PVC, rezistente la caldura



**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:** +90°C

**Temperatura minima a cablului (masurata pe manta):**

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

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

#### Conductor de cupru

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

#### Izolatia

PVC tip T13.

#### Manta

PVC tip TM3.

#### Marcaj

SC ELECTROPLAST SA, simbol cablu, tensiune de lucru, an de fabricatie, optional marcaj IMQ (<HARD>)

#### 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/mm<sup>2</sup> 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

### PVC – insulated and sheathed heat-resistant cords

**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:** +90°C

**Min. cable temperature (measured on the sheath surface):**

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

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

#### Copper conductor

Multewire annealed copper conductor (class 5) SR EN 60228

#### Insulation

PVC, T13 type.

#### Sheath:

PVC, TM3 type.

#### Marking

SC ELECTROPLAST SA, cable symbol, operational voltage, manufacture year, IMQ mark (<HARD>) it's optional.

#### Min. bending radius

9 x cord diameter in mobile applications  
4 x cord diameter in stationary applications

#### Max. tensile strain during installation

15 N/mm<sup>2</sup> 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 colors

Black, white, gray

\*Other colors on customer's demand

## 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 izolatie  <i>Radial thickness of insulation</i>	Grosime radiala manta  <i>Radial thickness of sheath</i>	Rezistenta electrica max, la 20°C <i>Max. resistance at 20°C</i>	Rezistenta minima de izolatie la 90°C <i>Min resistance of insulation at 90°C</i>	Diametru exterior  <i>Outer diameter</i>	Masa inf  <i>Mass, inf</i>
		mm	mm	Ω/km	MΩ*km	mm	kg/km
<b>H05V2V2H2-F</b>							
2x0.75	0.21	0.6	0.8	26.0	0.011	3.9x6.2	38
2x1	0.21	0.6	0.8	19.5	0.010	4.1x6.6	45
<b>H05V2V2-F</b>							
2x0.75	0.21	0.6	0.8	26.0	0.011	5.7-7.2	53
2x1	0.21	0.6	0.8	19.5	0.010	5.9-7.5	62
2x1.5	0.26	0.7	0.8	13.3	0.010	6.8-8.6	81
2x2.5	0.26	0.8	1.0	7.98	0.009	8.4-10.6	127
2x4	0.31	0.8	1.1	4.95	0.007	9.7-12.1	178
3x0.75	0.21	0.6	0.8	26.0	0.011	6.0-7.6	61
3x1	0.21	0.6	0.8	19.5	0.010	6.3-8.0	72
3x1.5	0.26	0.7	0.9	13.3	0.010	7.4-9.4	99
3x2.5	0.26	0.8	1.1	7.98	0.009	9.2-11.4	155
3x4	0.31	0.8	1.2	4.95	0.007	10.5-13.1	237
4x0.75	0.21	0.6	0.8	26.0	0.011	6.6-8.3	77
4x1	0.21	0.6	0.9	19.5	0.010	7.1-9.0	95
4x1.5	0.26	0.7	1.0	13.3	0.010	8.4-10.5	130
4x2.5	0.26	0.8	1.1	7.98	0.009	10.1-12.5	197
4x4	0.31	0.8	1.2	4.95	0.007	11.5-14.3	277
5x0.75	0.21	0.6	0.9	26.0	0.011	7.4-9.3	97
5x1	0.21	0.6	0.9	19.5	0.010	7.8-9.8	115
5x1.5	0.26	0.7	1.1	13.3	0.010	9.3-11.6	157
5x2.5	0.26	0.8	1.2	7.98	0.009	11.2-13.9	244
5x4	0.31	0.8	1.4	4.95	0.007	13.0-16.1	347