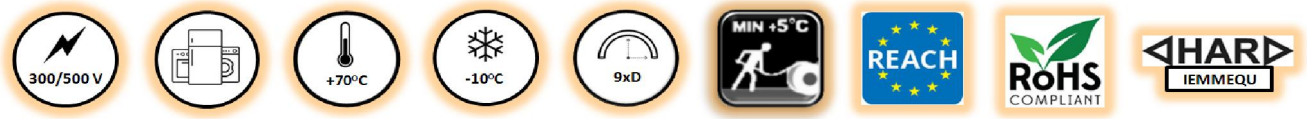
H05VVH2-F, H05VV-F

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:** +5ºC
- **in exploatare:** -10ºC

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 TI2

Manta
PVC tip TM2

Marcaj
SC ELECTROPLAST SA, simbol cablu, tensiune de lucru, an de fabricatie, optional marcaj IEMMEQU (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/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:** +5ºC
- **in operation**: -10ºC

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

Marking
SC ELECTROPLAST SA, cable symbol, operational voltage, manufacture year, optionally IEMMEQU (HARD) mark.

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

ELECTROPLAST
conductori şi cabluri electrice

H05VVH2-F, H05VV-F

Cordoane cu izolatie si manta de PVC

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Tipodimensiune cordon *Cord size*	**Diam. max. al firului de cupru** *Max. diam. of copper wire* mm	**Grosime radiala izolatie,** *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 izolatie 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
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

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