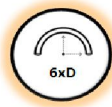
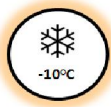
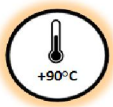


H05V2-U 0.3/0.5 kV, H07V2-U 0.45/0.75 kV,
H07V2-R 0.45/0.75 kV



Cabluri monofilare fara manta

Unsheathed single-core cables



Standard de fabricatie: EN 50525-2-31

Tensiune nominala U_0/U : H05V-U: 0.3/0.5 kV;
H07V-U; H07V-R: 0.45/0.75 kV

Domeniul de utilizare

Cablurile sunt utilizate pentru instalatii electrice fixe, interioare la tensiune de 450/750 V.

Se pot instala in conducte la vedere sau nu, direct sub tencuiala, in medii uscate sau umede.

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 unifilar rigid (re) sau multifilar rigid (rm); SR EN 60228

Izolatia

PVC tip TI3.

Marcaj

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

Raza minima de curbura

6 x diametru cablului

Cod de culori

H05V2

- Cabluri monoculare: negru, albastru, maro, gri, portocaliu, roz, rosu, turcoaz, violet, alb, verde si galben .

*Se admit toate combinatiile biculare

- Cabluri biculare: galben-verde, min 30% verde, max 70% galben

H07V2

- Cabluri monoculare: negru, albastru, maro, gri, portocaliu, roz, rosu, turcoaz, violet, alb.
- Cabluri biculare: galben-verde, min 30% verde, max 70% galben

*Alte combinatii biculare nu sunt permise.

Standard: EN 50525-2-31

Rated voltage U_0/U : H05V-U: 0.3/0.5 kV;
H07V-U; H07V-R: 0.45/0.75 kV

Applications

Indoor wirings at voltages up to 450/750 V.

They can be installed in open or buried conduits, directly under drywall, in dry or moist environments.

Max. long-run operational temperature: +90°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

Solid conductor (re) or concentrically stranded conductor (rm); SR EN 60228

Insulation

PVC, TI3 type.

Marking

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

Min. bending radius

6 x cable diameter

Color coding

H05V2

- Monochrome cables: black, blue, brown, gray, orange, pink, red, cyan, violet, white, green and yellow.

*All two-colors combinations are accepted.

- Yellow-green cables: min 30% green, max 70% yellow

H07V2

- Monochrome cables: black, blue, brown, gray, orange, pink, red, cyan, violet, white
- Yellow-green cables: min 30% green, max 70% yellow

*Other two-colors combinations are not allowed.

H05V2-U 0.3/0.5 kV, H07V2-U 0.45/0.75 kV,
H07V2-R 0.45/0.75 kV



Cabluri monofilare fara manta

Unsheathed single-core cables

Simbol	Sectiune nominala a conductorului	Tip cond.	Grosime nominala izolatie	Diametru exterior nominal	Rezistenta electrica, max la 20°C	Rezistenta de izolatie la 90°C, min	Masa Inf
<i>Symbol</i>	<i>Nominal conductor's cross-section</i>	<i>Cond. type</i>	<i>Nominal insulation thickness</i>	<i>Nominal outer diameter</i>	<i>Max. resistance at 20°C</i>	<i>Min. insulation resistance at 90°C</i>	<i>Mass inf</i>
	mm ²		mm	mm	Ω/km	MΩ*km	kg/km
H05V2-U	0.5	re	0.6	2.0	36.0	0.014	8
H05V2-U	0.75	re	0.6	2.2	24.5	0.013	11
H05V2-U	1	re	0.6	2.3	18.1	0.011	13
H07V2-U	1.5	re	0.7	2.8	12.1	0.011	19
H07V2-U	2.5	re	0.8	3.4	7.41	0.010	32
H07V2-R	4	rm	0.8	4.2	4.61	0.0082	49
H07V2-R	6	rm	0.8	4.8	3.08	0.0070	70
H07V2-R	10	rm	1.0	6.2	1.83	0.0067	115
H07V2-R	16	rm	1.0	7.4	1.15	0.0056	173
H07V2-R	25	rm	1.2	9.1	0.727	0.0053	275
H07V2-R	35	rm	1.2	10.3	0.524	0.0046	370