

H07V-K / 07V-K

PVC single core, finely stranded



CORPELIMA S.A.C.
Importadores y Líderes en Soluciones Eléctricas



TECHNICAL DATA

PVC single core, H07V-K acc. to DIN VDE 0285-525-2-31 / DIN EN 50525-2-31, IEC 60227-3; 07V-K in alignment with DIN VDE 0285-525-2-31 / DIN EN 50525-2-31, IEC 60227-3

Temperature range	flexible +5°C to +70°C fixed -30°C to +80°C
Nominal voltage	AC U ₀ /U 450/750 V
Test voltage	2500 V
Minimum bending radius	fixed <8 mm: 4x Outer-ø 8-12 mm: 5x Outer-ø >12 mm: 6x Outer-ø

CABLE STRUCTURE

- Copper wire bare, finely stranded acc. to DIN VDE 0295 Class 5 / IEC 60228 Class 5
- Core insulation: PVC acc. to DIN VDE 0207-363-3 / DIN EN 50363-3 (compound type T11)
- Core identification: see table

PROPERTIES

- the materials used during manufacturing are cadmium-free, contain no silicone and are free from substances harmful to the wetting properties of lacquers

TESTS

- flame-retardant acc. to DIN VDE 0482-332-1-2 / DIN EN 60332-1-2 / IEC 60332-1-2

APPLICATION

Installation in electrical conduits, on or under plaster or similar enclosed systems. Suitable for protected and fixed installation in lighting systems or switching and control devices up to and including 1000 V AC voltage or up to 750 V DC voltage against earth. Not suitable for direct laying in cable ladders and cable trays, except as a potential equalization cable.

NOTES

- the conductor is metrically (mm²) constructed, AWG numbers are approximated, and are for reference only
- Approved core colours: black, green-yellow, blue, brown, red, white, grey, violet, orange, pink

H07V-K Coil in cardboard box (100m)

Cross-sec. mm ²	AWG, approx.	Outer-ø min - max mm	Cu-weight kg/km	black (RAL 9005) Part no.	green-yellow Part no.	blue (RAL 5015) Part no.	brown (RAL 8003) Part no.	red (RAL 3000) Part no.	white (RAL 9003) Part no.	grey (RAL 7001) Part no.	violet (RAL 4005) Part no.	orange (RAL 2003) Part no.
1.5	16	2.8 - 3.4	14.4	29129	29130	29131	29132	29133	29134	29135	29136	29142
2.5	14	3.4 - 4.1	24.0	29145	29146	29147	29148	29149	29150	29151	29152	29158
4	12	3.9 - 4.8	38.0	29161	29162	29163	29164	29165	29166	29167	29168	29174
6	10	4.4 - 5.3	58.0	29177	29178	29179	29180	29181	29182	29183	29184	29190

Cross-sec. mm ²	AWG, approx.	Outer-ø min - max mm	Cu-weight kg/km	dark blue (RAL 5010) Part no.	pink (RAL 3015) Part no.	ultram.blue (RAL 5002) Part no.
1.5	16	2.8 - 3.4	14.4	29141	29138	26395
2.5	14	3.4 - 4.1	24.0	29157	29154	26396
4	12	3.9 - 4.8	38.0	29173	29170	26397
6	10	4.4 - 5.3	58.0	29189	29186	26398

HELUKABEL®

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1.5	16	2.8 - 3.4	14.4	26767	26764	26403
2.5	14	3.4 - 4.1	24.0	26783	26780	26404
4	12	3.9 - 4.8	38.0	26799	26796	26819
6	10	4.4 - 5.3	58.0	26815	26812	26820

07V-K Barrel

Cross-sec. mm ²	AWG, approx.	Outer-ø min - max mm	Cu-weight kg/km	yellow (RAL 1021) Part no.	green (RAL 6018) Part no.	transparent Part no.	blue-white Part no.	brown-white Part no.	dark blue-white Part no.	red-white Part no.
1.5	16	2.8 - 3.4	14.4	26763	26765	26766	28961	28962	28963	28960
2.5	14	3.4 - 4.1	24.0	26779	26781	26782	28965	28966	28967	28964
4	12	3.9 - 4.8	38.0	26795	26797	26798	28969	28970	28971	28968
6	10	4.4 - 5.3	58.0	26811	26813	26814	28973	28974	28975	28972
10	8	5.7 - 6.8	96.0	-	-	-	28977	28978	28979	28976

H07V-K Spool

Cross-sec. mm ²	AWG, approx.	Outer-ø min - max mm	Cu-weight kg/km	black (RAL 9005) Part no.	green-yellow Part no.	blue (RAL 5015) Part no.	brown (RAL 8003) Part no.	red (RAL 3000) Part no.	white (RAL 9003) Part no.	grey (RAL 7001) Part no.	violet (RAL 4005) Part no.	orange (RAL 2003) Part no.
1.5	16	2.8 - 3.4	14.4	26690	26691	26692	26693	26694	26695	26696	26697	26703
2.5	14	3.4 - 4.1	24.0	26706	26707	26708	26709	26710	26711	26712	26713	26719
4	12	3.9 - 4.8	38.0	26722	26723	26724	26725	26726	26727	26728	26729	26735
6	10	4.4 - 5.3	58.0	26738	26739	26740	26741	26742	26743	26744	26745	26751

Cross-sec. mm ²	AWG, approx.	Outer-ø min - max mm	Cu-weight kg/km	dark blue (RAL 5010) Part no.	pink (RAL 3015) Part no.	ultram.blue (RAL 5002) Part no.
1.5	16	2.8 - 3.4	14.4	26702	26699	26399
2.5	14	3.4 - 4.1	24.0	26718	26715	26400
4	12	3.9 - 4.8	38.0	26734	26731	26401
6	10	4.4 - 5.3	58.0	26750	26747	26402

07V-K Spool

Cross-sec. mm ²	AWG, approx.	Outer-ø min - max mm	Cu-weight kg/km	yellow (RAL 1021) Part no.	green (RAL 6018) Part no.	transparent Part no.	blue-red Part no.	blue-white Part no.	brown-green Part no.	brown-black Part no.	brown-white Part no.	dark blue-white Part no.
1.5	16	2.8 - 3.4	14.4	26698	26700	26701	11020565	29758	11020495	11021052	29759	29760
2.5	14	3.4 - 4.1	24.0	26714	26716	26717	11020537	29762	-	11020182	29763	29764
4	12	3.9 - 4.8	38.0	26730	26732	26733	11020540	29766	-	-	29767	29768
6	10	4.4 - 5.3	58.0	26746	26748	26749	-	29770	-	-	29771	29772
10	8	5.7 - 6.8	96.0	-	-	-	-	29774	-	-	29775	29776