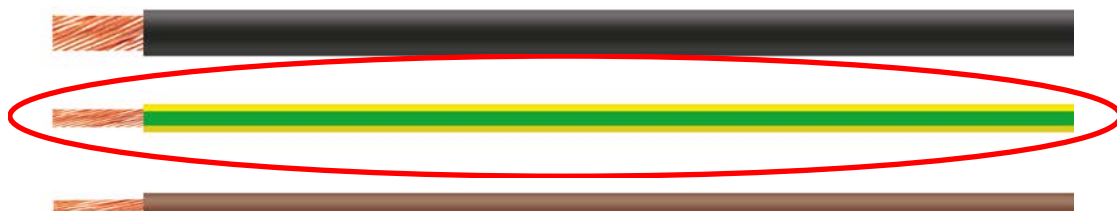


H07V-K / 07V-K

PVC single core, finely stranded



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