



Applications

The H05V2-K & H07V2-K wires are designed for the internal wiring of electrical cabinets, switch boards and small electrical devices. Due to its manufacturing characteristics, It can be used in tubes or in flexible motor ducts, transformers and other machinery in general.

The H05V2-K & H07V2-K wires are Lloyd's Register approved.

Specification

1. **Flexible:** The use of flexible copper conductors and the special PVC 105 compounds makes the H05V2-K & H07V2-K highly flexible.
2. **Lloyd's approval:** Due to the Lloyd's Register approval the H05V2-k & H07V2-K wires can applied to the measurement- and controltechnology in shipbuilding.
3. **Min. bending radius:** 4 x diameter.
4. **Operation temperature:** -5°C / +90°C (min / max)

-0.5 mm² / 1 mm² H05V2-K
-1.5 mm² / 35 mm² H07V2-K
-50 mm² / 120 mm² KEMA-KEUR

Construction

1. Flexible electrolytic annealed copper conductor, class 5 according to IEC 60228.
2. The insulation is composed of a special compound based on PVC 105, the cord has a high flexibility.



H05V2-K

Partnumber	Construction n x mm ²	Diameter ∅	Weight kg / km	Rated voltage V
45010104	1 x 0,5 mm ²	2,1	8	300 / 500
45010105	1 x 0,75 mm ²	2,3	11	300 / 500
45010106	1 x 1 mm ²	2,5	14	300 / 500

H07V2-K

45010107	1 x 1,5 mm ²	2,9	20	450/750
45010108	1 x 2,5 mm ²	3,6	31	450/750
45010109	1 x 4 mm ²	4,2	45	450/750
45010110	1 x 6 mm ²	4,8	65	450/750
45010111	1 x 10 mm ²	6,1	110	450/750
45010112	1 x 16 mm ²	7,3	165	450/750
45010113	1 x 25 mm ²	8,7	246	450/750
45010114	1 x 35 mm ²	9,9	330	450/750
45010115	1 x 50 mm ²	11,7	480	450/750
45010116	1 x 70 mm ²	13,4	662	450/750
45010117	1 x 95 mm ²	15,4	881	450/750
45010118	1 x 120 mm ²	17,1	1083	450/750

Colors

The H05V2-K & H07V2-K cable can be ordered in different colors.
Please specify the color by order.

0.5 mm² / 2.5 mm² available in: black, blue, brown, green/yellow, red, yellow, orange, white, green, purple and grey.

4 mm² / 6 mm² available in: black, blue, brown, green/yellow, yellow and green.

10 mm² / 16 mm² available in: black, blue, brown and green/yellow.

> 25 mm² available in: black and green/yellow

