

## WG-Datasheet

Wiring cable

Wiring conductor

H07V-K

**Usage** For the laying in tubes, on, in and under plaster and in closed installation channels.

For internal wiring of appliances, switchgear and switch distributors as well as the protected installation in and on lights with a nominal voltage up to 1000 V AC and 750 V DC voltage against earth.

**Electric quality:** nominal voltage:  $U_0/U$  450/750 V  
test voltage: 2500 V

**Construction:** wire cable according to DIN VDE 0285-525-2-31

wire identification after DIN VDE 0293

conductor form according to DIN EN 60228-VDE 0295 (fine wire = class 5)

cross section: 1,5 mm<sup>2</sup> up to 25 mm<sup>2</sup> fine wire

insulation: synthetic, color: green-yellow (GNYE), black (BK), blue (BU), brown (BN);  
another colors on request

The synthetic-mixture used by BKW is heavy metal- and DOP -free (compliance with the RL RoHS) and assures a significant higher flexibility in low temperature.

**Non-Flammability:** according to VDE 0482-332-1-2

**Tender text:**

Wiring cable H07V-K

producer: Brandenburger Kabelwerk GmbH

Wiring conductors for the laying in tubes, on, in and under plaster and in closed installation channels.

# Brandenburger Kabelwerk

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1	2	3	4	5	6
construction abbreviation	article-Nr. BKW	conductor cross-section [mm <sup>2</sup> ]	outer diameter ca. [mm]	weight ca. [kg/km]	copper index
H07V-K	1158X	1,5	2,9	20	14,4
H07V-K	1159X	2,5	3,7	35	24,0
H07V-K	1160X	4,0	4,1	51	38,0
H07V-K	1161X	6,0	4,8	70	58,0
H07V-K	1162X	10,0	6,2	118	96,0
H07V-K	1163X	16,0	7,6	181	154,0
H07V-K	1163X	25,0	9,3	281	240,0



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