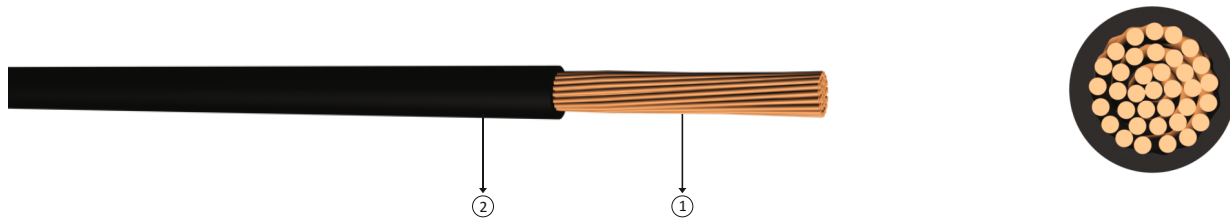




PVC Insulated, single core cables with flexible copper conductor



Code: H05V2-K (60227 IEC 08), H07V2-K, (NYAF), CU

K: Flexible Conductor

Standards: EN 50525-2-31, VDE 0281, IEC 60227, BS 6004, HD 21.3 S3, SI 60227 Part 3

Technical Data

Max. operating temperature : 90 °C
 Max. short circuit temperature : 250 °C (max. 5 sec.)
 Rated voltage : 300/500 V
 450/750 V

Application

For protected installation and light fitting. Also for in conduit, on and under plaster.

* : 300/500 V (H05V2 - K, 60227 IEC 08)

Construction

- ① Flexible copper conductors ② PVC insulation (90°C)

DIMENSION AND WEIGHTS			ELECTRICAL PROPERTIES			
Nominal Cross Section	Overall Diameter (approx)	Net Weight (approx)	Delivery Length	DC Conductor Resistance at 20 °C Max	Current Carrying Capacity (A)	
mm ²	mm	kg/km	m	ohm/km	In ground at 20 °C	In air at 30 °C
0,5 *	2,1	9	100	39,0	-	12
0,75 *	2,3	11	100	26,0	-	18
1,0 *	2,5	14	100	19,5	12	22
1,5	3,0	20	100	13,3	17	26
2,5	3,6	32	100	7,98	22	35
4	4,2	46	100	4,95	28	46
6	4,8	65	100	3,30	36	59
10	6,5	115	100	1,91	50	80
16	8,0	175	100	1,21	50	80
25	10,0	270	1000	0,780	67	108
35	11,0	350	1000	0,554	91	142
50	13,5	525	1000	0,386	113	174
70	15,0	700	1000	0,272	145	218
95	17,5	900	1000	0,206	182	270
120	19,5	1200	1000	0,161	217	321
150	22,0	1500	1000	0,129	259	378
185	24,0	1860	1000	0,106	-	430
240	27,5	2400	1000	0,0801	-	493