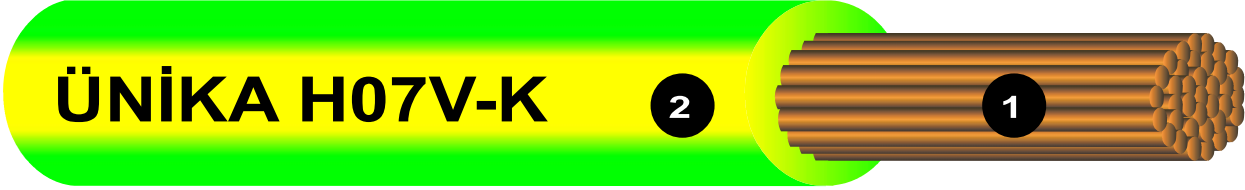


Flexible Low Voltage Energy Cable

H07V-K

TS EN 50525-2-31



MAKE UP

1. Conductor : Bare annealed bunched copper wires complying with IEC 60228 Class 5
2. Insulation : T11 PVC compound in accordance with EN 50363-3

Operating Temperature : -15/70 °C

Rated Voltage : 450/750 V

Test Standard : TS EN 50525-2-31

Flame Retardancy : IEC 60332-1-2

Application : Fixed installation for earthing applications.

TECHNICAL DATA SHEET

Item	Type	Cross-section (mm ²)	Weight (approx.) (kg/km)	Outer Diameter (approx.) (mm)	MCDR at 20 °C (Ω/km)	MCCC CT at 70 °C AT at 45 °C (A)
1.	H07V-K	1 x 1,5	20	3	13,3	16
2.		1 x 2,5	30	3,5	7,98	22
3.		1 x 4	44	4	4,95	28
4.		1 x 6	61	4,6	3,3	37
5.		1 x 10	105	5,9	1,91	50
6.		1 x 16	156	6,9	1,21	68
7.		1 x 25	250	9,5	0,78	90
8.		1 x 35	344	10,8	0,554	110
9.		1 x 50	501	12,8	0,386	138
10.		1 x 70	686	14,6	0,272	170
11.		1 x 95	912	16,8	0,206	206
12.		1 x 120	1124	18,4	0,161	239
13.		1 x 150	1458	21	0,129	275
14.		1 x 185	1752	23,1	0,106	313
15.		1 x 240	2185	25,8	0,0801	368
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MCCC: Maximum Current Carrying Capacity
CT: Conductor Temperature
AT: Ambient Temperature
MCDR: Max. Conductor DC Resistance