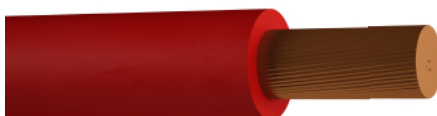


## H05V-K 300/500 V - Single core non-sheathed cables with flexible conductors



### Application

Indoor application, household appliances, fix installation in ducts.

### Global data

Standard EN 50525-2-31  
Type designation H05V-K

### Design features

Conductor Stranded copper conductor IEC 60228 Cl.5  
Insulation PVC insulation  
Available colours Black, blue, brown, grey, orange, pink, red, turquoise, purple, white, green, yellow, yellow-green (green and yellow colours as S07V-K)  
Marking H05V-K 1 x 2,5 300/500 V black

### Electrical parameters

Rated voltage 300/500 V  
Test voltage (AC) 2 kV

### Chemical parameters

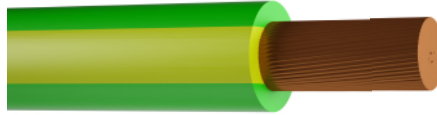
Performance against fire EN 60332-1  
Lead Free Yes

### Thermal parameters

Max. operating temperature of conductor 70 °C  
Max. operating temperature of the conductor 90 °C  
Max. operating temperature of conductor at short-circuit 160 °C  
Minimum installation temperature -5 °C

Number of cores x cross section	Outer diameter nom. mm	Weight (approx.) kg/km	Conductor DC resistance at 20°C $\Omega$ /km	CPR fire class	CPR DoP-Code	Delivery length m
1x0,5	2.2	9	39	Eca	1001838	200
1x0,75	2.4	12	26	Eca	1001838	200
1x1	2.5	14	19.5	Eca	1001838	200

## H07V-K 450/750 V - Single core non-sheathed cables with flexible conductors



### Application

Indoor application, household appliances, fix installation in ducts.

### Global data

Standard	EN 50525-2-31
Type designation	H07V-K
Construction product regulation (CPR)	CPR acc. to DIN EN 50575, class and DoP-Code: see data table below DoP: see <a href="http://www.prysmiangroup.com/cpr">www.prysmiangroup.com/cpr</a>

### Design features

Conductor	Stranded copper conductor IEC 60228 Cl.5
Insulation	PVC insulation
Available colours	Black, blue, brown, grey, orange, pink, red, turquoise, purple, white, green, yellow, yellow-green (green and yellow colours as S07V-K)
Marking	H07V-K 1 x 2,5 450/750 V black

### Electrical parameters

Rated voltage	450/750 V
Test voltage (AC)	2,5 kV

### Chemical parameters

Performance against fire	EN 60332-1
Lead Free	Yes

### Thermal parameters

Max. operating temperature of conductor	70 °C
Max. operating temperature of the conductor	90 °C
Max. operating temperature of conductor at short-circuit	160 °C
Minimum installation temperature	-5 °C

Number of cores x cross section	Outer diameter nom. mm	Weight (approx.) kg/km	Conductor DC resistance at 20°C Ω/km	CPR fire class	CPR DoP-Code	Delivery length m
1x1,5	3	20	13.3	Eca	1001518	100
1x2,5	3.6	32	7.98	Eca	1001518	100
1x4	4.1	46	4.95	Eca	1001518	100
1x6	4.7	64	3.3	Eca	1001518	100
1x10	6	109	1.91	Eca	1001518	100, 500
1x16	7.2	164	1.21	Eca	1001518	100, 500
1x25	8.9	254	0.78	Eca	1001518	100, 500, 1000
1x35	10.7	357	0.554	Eca	1001518	500, 1000
1x50	13.1	517	0.386	Eca	1001518	500, 1000
1x70	15	715	0.272	Eca	1001518	500, 1000
1x95	17.3	932	0.206	Eca	1001518	500, 1000
1x120	19.3	1185	0.161	Eca	1001518	500, 1000
1x150	21.5	1482	0.129	Eca	1001518	500, 1000
1x185	23.6	1778	0.106	Eca	1001518	500, 1000
1x240	26.8	2350	0.0801	Eca	1001518	500, 1000
1x300	29.5	2904	0.0641	Eca	1001518	500