

H07V-K (Yf)

Unsheathed single core cable

Standard: ÖVE/ÖNORM E 8241 (HD 21)

Application:

For fixed installation in installation tubes on or under plaster. Suitable for the protected installation in and on lighting facilities or control devices for voltages up to 1000 V a.c. or 750 V d.c. against ground.



Construction:

- 1 Copper conductor, fine wire
- 2 Insulation (PVC)



Rated voltage: 450/750 V



Test voltage: 2500 Veff



Temperature range:

During installation: min. +5 °C
 Operating temperature: -40 °C to +70 °C
 Conductor temperature: max. +70 °C
 Short circuit temperature of the conductor: max. +160 °C/5 s



Bending radius (min.): 4 x Ø to 16 mm²,
 5 x Ø 25 to 50 mm²,
 above: 6 x Ø



Core identification:

black (bk), blue (bl), brown (br), green-yellow (gnye); Special colours: grey (gr), violet (vi), green (gn), yellow (ye), orange (or), white (wt), red (rd)



Flammability:

Self extinguishing (EN 50265-2-1, IEC 60332-1)



Certification mark:

ÖVE Austria,
 EZÚ Czech Republic,
 GOST Russia

Nominal cross section (mm ²)	Core colours	Max. conductor resistance (Ω/km)	Outer diameter (mm) appr.	Cu-value (kg/km)	Total weight (kg/km) appr.	Standard lengths/packing (m)	Price (EUR/km)
H07V-K (Yf)							
1.5	bk, bl, br	13.300	2.8	15	20	100 R	211.83
2.5	bk, bl, br	7.980	3.6	25	31	100 R	333.80
4	bk, bl, br	4.950	4.0	40	46	100 R, 500 Sp	510.92
6	bk, bl, br	3.300	4.7	60	66	100 R, 500 Sp	704.52
10	bk, bl, br	1.910	6.0	100	104	100 R, 500 Sp	1,335.02
16	bk, bl, br	1.210	7.1	160	175	100 R, 500 Sp	1,969.09
25	bk, bl	0.780	9.0	250	280	100 R, 500 T, 1000 T	2,255.85
35	bk, bl	0.554	10.4	350	380	100 R, 500 T, 1000 T	3,028.51
50	bk	0.386	11.8	500	550	100 R, 500 T, 1000 T	4,588.90
70	bk	0.272	14.8	700	760	500 T, 1000 T	6,674.09
95	bk	0.206	16.4	950	1,020	500 T, 1000 T	8,942.44
120	bk	0.161	17.5	1,200	1,280	500 T, 1000 T	10,811.86
150	bk	0.129	19.0	1,500	1,600	500 T, 1000 T	13,831.99
185	bk	0.106	22.0	1,850	1,960	500 T, 1000 T	16,971.70
240	bk	0.080	27.0	2,400	2,550	500 T, 1000 T	21,733.73

H07V-K (Yf)

Nominal cross section (mm ²)	Core colours	Max. conductor resistance (Ω/km)	Outer diameter (mm) appr.	Cu-value (kg/km)	Total weight (kg/km) appr.	Standard lengths/packing (m)	Price (EUR/km)
H07V-K (Yf)							
1.5	gnye, special colours	13.300	2.8	15	20	100 R	237.29
2.5	gnye, special colours	7.980	3.6	25	31	100 R	354.93
4	gnye, special colours	4.950	4.0	40	46	100 R, 500 Sp	531.88
6	gnye, special colours	3.300	4.7	60	66	100 R, 500 Sp	724.73
10	gnye, special colours	1.910	6.0	100	104	100 R, 500 Sp	1,403.91
16	gnye, special colours	1.210	7.1	160	175	100 R, 500 Sp	2,010.05
25	gnye, special colours	0.780	9.0	250	280	100 R, 500 T, 1000 T	2,481.44
35	gnye, special colours	0.554	10.4	350	380	100 R, 500 T, 1000 T	3,331.36
50	gnye, special colours	0.386	11.8	500	550	100 R, 500 T, 1000 T	5,047.80
70	gnye, special colours	0.272	14.8	700	760	500 T, 1000 T	7,341.50
95	gnye, special colours	0.206	16.4	950	1,020	500 T, 1000 T	9,836.68
120	gnye, special colours	0.161	17.5	1,200	1,280	500 T, 1000 T	11,893.05
150	gnye, special colours	0.129	19.0	1,500	1,600	500 T, 1000 T	15,215.18
185	gnye, special colours	0.106	22.0	1,850	1,960	500 T, 1000 T	18,668.86
240	gnye, special colours	0.080	27.0	2,400	2,550	500 T, 1000 T	23,907.09

Subject to technical changes. All figures are therefore without guarantee.