

# H05V-U (YSe) / H05V-K (YSf)

## Unsheathed single core cable

Standard: ÖVE/ÖNORM E-8241 (HD 21)

### Application:

Usable for fixed and protected installation inside of devices as well as in and on luminaires. Permissible for installation in tubes on and under plaster but only within signalisation facilities.



### Construction:

- 1 Copper conductor, single (-U) resp. fine wire (-K)
- 2 Insulation (PVC)



**Rated voltage:** 300/500 V



**Test voltage:** 2000 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 of the cable



### Core identification:

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



### Flammability:

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



**Certification mark:** ÖVE Austria

Nominal cross section (mm <sup>2</sup> )	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)
<b>H05V-U (YSe)</b>							
0.5	bk, bl, br, gr, vi, gnye	36	1.8	5	8	100 R	84.21
0.75	bk, bl, br, gr, vi, gnye	24.5	2.1	7.5	12	100 R	108.43
1	bk, bl, br, gr, vi, gnye	18.1	2.3	10	14	100 R	<b>127.88</b>
<b>H05V-K (YSf)</b>							
0.5	bk, bl, br	39	2.1	5	9	100 R	<b>120.13</b>
0.75	bk, bl, br	26	2.2	7.5	12	100 R	<b>140.00</b>
1	bk, bl, br	19.5	2.4	10	14	100 R	<b>161.25</b>
0.5	gnye, gr, vi, gn, ye, or, wt, rd	39	2.1	5	9	100 R	<b>122.45</b>
0.75	gnye, gr, vi, gn, ye, or, wt, rd	26	2.2	7.5	12	100 R	<b>152.61</b>
1	gnye, gr, vi, gn, ye, or, wt, rd	19.5	2.4	10	14	100 R	<b>175.59</b>

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