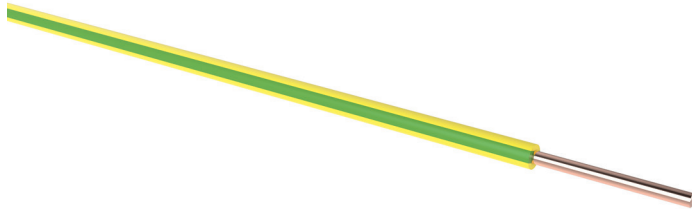


H05V-U (YSe)

PVC Insulated wire, single core

DESIGN



- 1 | Copper conductor, solid wire (-U)
- 2 | Core insulation (PVC)

APPLICATION

For fixed and protected installation within appliances as well as in and on luminaires. Permissible for installation in conduits on and under plaster but only for control and signal circuits.

TECHNICAL DATA



Standard:
EN 50525-2-31



Rated voltage:
300/500 V (U₀/U)



Test voltage:
2 kV / 50 Hz



Temperature range:
 laying temperature: min. 5 °C
 operating temperature: -30 °C up to 70 °C
 conductor temperature: max. 70 °C
 short circuit temperature: max. 160 °C/5 s



Bending radius (min.):
4 x Ø of wire



Core identification:
according to EN 50525-1: black (bk), brown (bn), red (rd), orange (og), yellow (ye), green (gn), blue (bu), violet (vt), grey (gy), white (wh), pink (pk), green-yellow (gnye)



Fire properties:
EN 60332-1-2: flame retardant
CPR classification: E_{ca}

Nominal cross-section (mm ²)	Core colours	Max. conductor resistance (Ω/km)	Outer diameter (mm) appr.	Total weight (kg/km) appr.	Standard lengths/ packing (m)
H05V-U (YSe)					
0.5	bk, bu, rd	36	2.0	8	100 R
0.75	bk, bn, rd, bu, wh	24.5	2.1	12	100 R
1	bk, bu, vt, gy, wh, gnye	18.1	2.3	14	100 R

Technical changes reserved. All figures are therefore without guarantee.

9.8.2022, 10:30