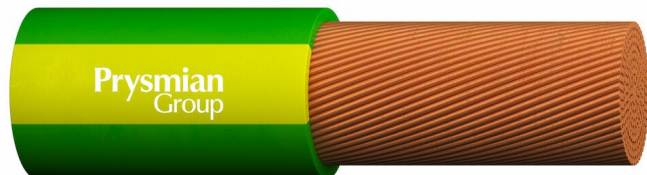


## H05V-K 300/500V CPR E

H05V-K 300/500V - PVC flexible insulated cores



Round PVC flexible insulated core for indoors application. Can be used in dry premises, for light and medium duties. Installation of the product should only be carried out by personnel trained and qualified for electrical works. The product is designed according to recognized standards. Applicable rules of installation must be applied at all times.

H05V-K

### STANDARDS

**RoHS**



ezü



EN 50525-2-31  
EN 60228  
EN 50363-3  
EN 60332-1-2  
EN 50575

General  
Conductor  
Compound  
Fire performance  
Fire performance

### CABLE-DESIGN

Conductor category	Class 5 = flexible
Conductor material	Copper
Shape of conductor	Round
Core insulation material	Polyvinyl chloride (PVC)
Material outer sheath	

### CHARACTERISTICS

Bending radius (rule)	4 x D
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### CHEMICAL PROPERTIES

Silicon free	Yes
Lead free	Yes

## ELECTRICAL & THERMAL PARAMETERS

Nominal voltage U0 [V]	300
Nominal voltage U [V]	500
Test voltage [kV]	2
Rated voltage U0/U (Um)	300/500 V
Max. conductor temperature [°C]	70
Laying temperature (min) [°C]	-5
Laying temperature (max) [°C]	+40

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## CABLE PROPERTIES

Basic construction	Shape of conductor	SAP code	Nominal outer diameter [mm]	Cable weight [kg/km]	Short circuit current conductor (1sec) [kA]
1x0,5	Round	20207599	2.11	8	0.04
1x0,75	Round	20207645	2.28	11	0.07
1x1	Round	20207589	2.44	13	0.11