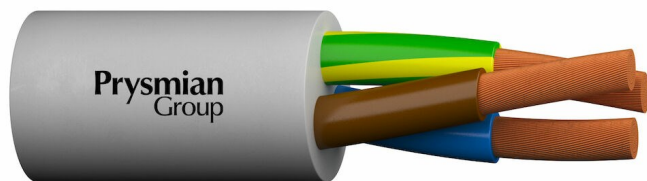


## H05VV-F 300/500V CPR E

H05VV-F 300/500V Flexible cables with PVC insulation and PVC sheath



Round PVC flexible cable for indoors application. Can be used in dry premises, for light and medium duties, for portable appliances. The product is designed according to recognized standards. Applicable rules of installation must be applied at all times.

### STANDARDS



EN 50525-2-11	General
EN 60228	Conductor
EN 50363-3	Compound
EN 50363-4-1	Compound
EN 60332-1-2	Fire performance
EN 50575	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	Polyvinyl chloride (PVC)

### CHARACTERISTICS

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

Silicon free	Yes
Lead free	Yes
Moisture resistance	Yes

## ELECTRICAL & THERMAL PARAMETERS

Nominal voltage U <sub>0</sub> [V]	300
Nominal voltage U [V]	500
Test voltage [kV]	2
Rated voltage U <sub>0</sub> /U (U <sub>m</sub> )	300/500 V
Max. conductor temperature [°C]	70
Laying temperature (min) [°C]	-5

## CABLE PROPERTIES

Basic construction	Shape of conductor	SAP code	Nominal outer diameter [mm]	Cable weight [kg/km]	Short circuit current conductor (1sec) [kA]
2x0,75	Round	20206708	6.12	55	0.07
2x1	Round	20206709	6.44	63	0.11
2x1,5	Round	20233066	7.38	84	0.17
2x2,5	Round	20206714	9.01	128	0.29
3G0,75	Round	20206698	6.47	64	0.07
3G1	Round	20206693	6.82	75	0.11
3G1,5	Round	20206694	8.03	105	0.17
3G2,5	Round	20206696	9.76	160	0.29
4G0,75	Round	20206701	7.06	78	0.07
4G1	Round	20206737	7.65	95	0.11
4G1,5	Round	20206739	8.98	132	0.17
4G2,5	Round	20206743	10.67	195	0.29
4G4	Round	20206746	12.15	272	0.46
5G0,75	Round	20206803	7.92	98	0.07
5G1	Round	20206749	8.35	115	0.11
5G1,5	Round	20206751	10.02	165	0.17
5G2,5	Round	20206754	11.88	244	0.29
5G4	Round	20206706	13.71	346	0.46