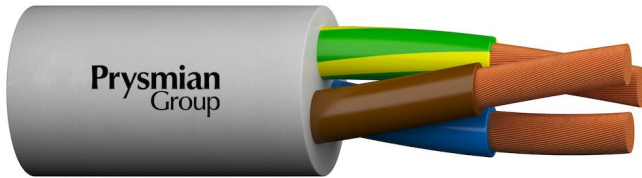


## H05VV-F 300/500V CPR E

PVC-insulated installation cables and conductors



### PRODUCT FAMILY DESCRIPTION

Indoor application, household appliances, fixed installation in ducts. Flexible cable for medium mechanical stresses. Permitted frequent bending and twisting. Specially suitable for application in household, kitchens and offices in dry and damp conditions, for inst. washing-machines, dryers, refrigerators etc., as long as the cable is adapted to essential specifications of the device. Also suitable for cookers, i.e. hot devices, on condition that it does not get in direct contact with hot parts of the device and is not exposed to heat irradiation. Suitable for fixed installation in furniture, partition walls, decorative linings and cavities in prefabricated construction elements.

### GENERAL INFORMATION

Brand	Prysmian
Application	Building Installations;Residential Installations;Industrial Installations;OEM

### STANDARDS



EN 50525-2-11	General
EN 60332-1-2	Fire performance

### CABLE-DESIGN

Conductor material	Copper
Conductor surface	Bare
Core identification (acc. HD 308 S2)	Yes
Core insulation material	Polyvinyl chloride (PVC)
Material outer sheath	Polyvinyl chloride (PVC)
Cable shape	Round

### CHARACTERISTICS

Laying temperature (min) [°C]	-5
Bending radius (rule)	During installation: 4-8 x D

### CHEMICAL PROPERTIES

Silicon free	Yes
Lead free	Yes
Flame retardant	In accordance with EN/IEC 60332-1-2
CPR reaction to fire	Eca

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## 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 (Um)	300/500 V
Max. conductor temperature [°C]	70
Minimum temperature for fix installation [°C]	-40
Maximum temperature for fix installation [°C]	70
Minimum temperature for flexible installation [°C]	-5
Maximum temperature for flexible installation [°C]	50
Laying temperature (min) [°C]	-5

## CABLE PROPERTIES

SAP code	Basic construction	Nominal outer diameter [mm]	Cable weight [kg/km]	DOP number
20210466	2x1	6.5	63	1001839
20210534	2x1,5	7.4	84	1001839
20210622	2x2,5	9	127	1001839
20210713	2x4	10.3	176	1001839
20210383	3G0,75	6.5	65	1001839
20210488	3G1	6.9	75	1001839
20210632	3G2,5	10.2	169	1001839
20210686	3G4	11.1	222	1001839
20269660	4x0,75	7.1	78	1001839
20210411	4G0,75	7.1	79	1001839
20210779	4G1	7.7	95	1001839
20210582	4G1,5	9	131	1001839
20210653	4G2,5	10.7	193	1001839
20210692	4G4	12.2	275	1001839
20210444	5G0,75	7.9	100	1001839
20210521	5G1	8.4	116	1001839
20210606	5G1,5	10	165	1001839
20210669	5G2,5	11.9	243	1001839
20210701	5G4	13.7	348	1001839

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