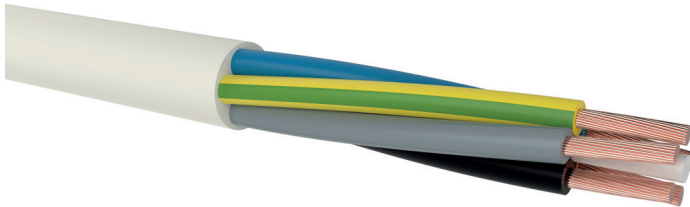


H05VV-F

PVC control cable, medium duty

DESIGN



- 1 | Bare copper conductors, fine wires class 5 according to DIN EN 60228 / VDE 0295 / IEC 60228
- 2 | Core insulation of special compound based on polyvinyl chloride (PVC)
- 3 | Cores are stranded together with optimal lay-length
- 4 | Outer sheath of special compound based on polyvinyl chloride (PVC), colour: according to customers' requirements

APPLICATION

Medium duty PVC cable for use in domestic premises and offices, e.g. washing machines, spin dryers, refrigerators, etc. These cables are generally unsuitable for outdoor use, industrial applications or the connection to industrial power tools.

TECHNICAL DATA



Standard:
EN 50525-2-11



Rated voltage:
300/500 V (U₀/U)



Test voltage:
core / core 2000 V / 50 Hz



Temperature range:
fixed installation: -30 °C up to 70 °C
flexible use: -5 °C up to 70 °C



Bending radius (min.):
fixed installation: 3 x Ø up to 12 mm
4 x Ø over 12 mm
flexible use: 5 x Ø up to 12 mm
6 x Ø over 12 mm



Core identification:
colours according to CENELEC HD 308 S2



Fire properties:
EN 60332-1-2: self-extinguishing and flame retardant

Number of cores x nominal cross-section (mm ²)	Outer diameter (mm) appr.	Cu-value (kg/km)	Total weight (kg/km) appr.
H05VV-F			
3 G 0.75	6.2	21.6	57
4 G 0.75	6.7	29.0	69
5 G 0.75	7.7	36.0	95
2 x 1	6.2	19.0	55
3 G 1	6.6	29.0	68
4 G 1	7.4	38.0	86
5 G 1	8.1	48.0	102
2 x 1.5	7.0	29.0	73
3 G 1.5	7.6	43.0	92
4 G 1.5	8.5	58.0	116
5 G 1.5	9.5	72.0	142
2 x 2.5	8.8	48.0	116
3 G 2.5	9.5	72.0	146
4 G 2.5	10.4	96.0	179
5 G 2.5	11.5	120.0	218
3 G 4	11.3	115.0	226
4 G 4	12.0	154.0	257
5 G 4	13.3	192.0	311