We Make Modern Life Possible.

INSTALLATION AND HARMONISED CABLES AND WIRES

H05VV-F

PVC control cable, medium duty

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

Test Voltage
2000 V / 50 Hz

Rated Voltage
300/500 V (Uo/U)

Bending radius (min.)
Fixed installation: 3 x Ø of cable
Flexible use: 5 x Ø of cable

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

Core identification
Colours according to CENELEC HD 308 S2

Temperature range
Fixed installation: -30°C up to 70°C
Flexible use: -5°C up to 70°C

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 in layers with optimal lay-length
4. Outer sheath of special compound based on polyvinyl chloride (PVC), colour: according to customer's requirements

Number of cores x nominal cross-section (mm^2)	Outer diameter appr. (mm)	Cu-value (kg/km)	Total weight appr. (kg/km)
2x0,75	6.3	14.4	47
3G0,75	6.7	21.6	57
4G0,75	7.3	29	69
5G0,75	8.1	36	95
2X1	6.5	19	55
3G1	6.9	29	68
4G1	7.7	38	86
5G1	8.6	48	102
2X1,5	7.5	29	73
3G1,5	8.2	43	92
4G1,5	9.3	58	116
5G1,5	10.2	72	142
2X2,5	9.2	48	116
3G2,5	10.0	72	146
4G2,5	10.9	96	179
5G2,5	12.1	120	218
2X4	10.4	76.8	179
3G4	11.3	115	226
4G4	12.4	154	257
5G4	14.0	192	311

Technical changes reserved. All figures are therefore without guarantee.



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