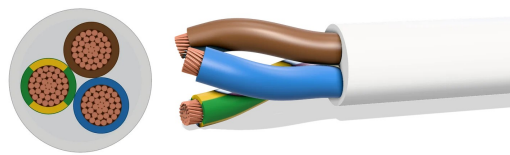


Application

H05VV-F is a harmonised PVC-insulated and PVC-sheathed round flexible cord to EN 50525-2-11, rated 300/500 V. It is intended for the connection of household and office appliances subject to medium mechanical stress, such as washing machines, refrigerators, kitchen and office equipment, extension leads and portable tools, in dry and damp indoor locations. The cord is suitable for frequent flexing without tensile load and for temporary use in damp rooms; it is not intended for outdoor use, heating appliances, industrial or agricultural premises, or for permanent installation in buildings.



CONSTRUCTION

Conductor	Fine-wire stranded plain (bare) annealed copper, class 5 to IEC/EN 60228.
Insulation	PVC (compound TI2 to EN 50363-3).
Sheath	PVC (compound TM2 to EN 50363-4-1), round; black, white or grey, other colours on request.
Core colours	To HD 308 S2: 2 cores brown, blue; 3 cores (G) green/yellow, brown, blue; 3 cores (X) brown, black, grey; 4 cores (G) green/yellow, brown, black, grey; 4 cores (X) blue, brown, black, grey; 5 cores (G) green/yellow, brown, black, grey, blue; 5 cores (X) blue, brown, black, grey, black.

ELECTRICAL & THERMAL PROPERTIES

Rated voltage Uo/U	300/500 V.
Test voltage	2 kV.
Standard	EN 50525-2-11.
Flame-retardant	IEC/EN 60332-1-2.
Conductor standard	IEC/EN 60228 class 5.
Max. conductor temperature	+70 °C.
Permitted outer cable temperature, fixed	-5 °C to +70 °C.
Permitted outer cable temperature, moved	+5 °C to +70 °C.
Min. bending radius, fixed	6 × outer diameter.
Min. bending radius, moved	8 × outer diameter.
Reaction to fire (CPR)	Outside the scope of EN 50575 (flexible connection cable, not for permanent installation in construction works).

DIMENSIONS & TECHNICAL DATA

Cores × mm ²	Cond. R @20°C (Ω/km)	Nominal O.D. (mm)	Weight (kg/km)
2 × 0.75	26	6	53.5
3 × 0.75	26	6.4	63
4 × 0.75	26	6.9	76
5 × 0.75	26	7.7	96.5
2 × 1	19.5	6.6	61.5
3 × 1	19.5	7.2	73
4 × 1	19.5	7.8	92.5
5 × 1	19.5	8.6	112
2 × 1.5	13.3	7.2	82.5
3 × 1.5	13.3	8.1	103
4 × 1.5	13.3	8.7	129
5 × 1.5	13.3	9.8	162.5
2 × 2.5	7.98	8.8	127
3 × 2.5	7.98	9.5	159
4 × 2.5	7.98	10.4	193
5 × 2.5	7.98	11.6	243
3 × 4	4.95	11	218
4 × 4	4.95	12	269
5 × 4	4.95	13.6	345

Dimensions and weights are nominal manufacturer values of the leading reference source; conductor resistance is the maximum per IEC/EN 60228 class 5; all values are indicative and non-binding.