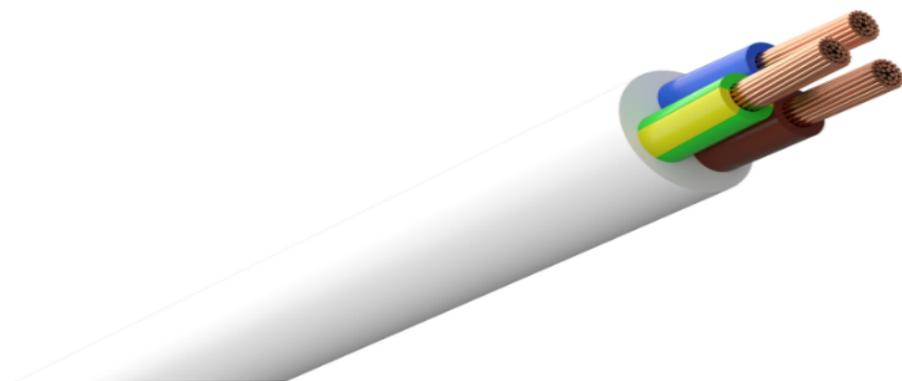


H05VV-F Cable



TECHNICAL DATA

PVC connection cable, H05VV-F acc. to DIN VDE 0285-525-2-11 / DIN EN 50525-2-11; 05VV-F in alignment with DIN VDE 0285-525-2-11 / DIN EN 50525-2-11

Temperature range	flexible -5°C to +70°C fixed -40°C to +70°C
Nominal voltage	AC U ₀ /U 300/500 V
Test voltage	2000 V
Breakdown voltage	4000 V
Minimum bending radius	flexible 7.5x Outer-Ø fixed 4x Outer-Ø

■ CABLE STRUCTURE

- Copper wire bare, finely stranded acc. to DIN VDE 0295 Class 5 / IEC 60228 Class 5
- Core insulation: PVC acc. to DIN VDE 0207-363-3 / DIN EN 50363-3 (compound type T12)
- Core identification acc. to DIN VDE 0293-308, 2 - 5 core(s): colour coded
7 core(s): black cores with consecutive labeling in white digits
- Protective conductor: starting with 3 cores,
G = with protective conductor GN-YE,
x = without protective conductor
- Cores stranded in layers with optimal lay lengths
- Outer sheath: PVC acc. to DIN VDE 0207-363-4-1 / DIN EN 50363-4-1 (compound type TM2)

- Sheath colour: see table

■ PROPERTIES

- the materials used during manufacturing are cadmium-free, contain no silicone and are free from substances harmful to the wetting properties of lacquers

■ TESTS

- flame-retardant acc. to DIN VDE 0482-332-1-2 / DIN EN 60332-1-2 / IEC 60332-1-2
- certifications and approvals:
H05VV-F: HAR
EAC

■ APPLICATION

Designed for applications involving medium mechanical stress in domestic and office environments, including damp locations. It is suitable for connecting household appliances such as refrigerators, washing machines, and vacuum cleaners.

■ NOTES

- the conductor is metrically (mm²) constructed, AWG numbers are approximated, and are for reference only

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No. cores x cross-sec. mm ²	AWG, approx.	Outer-Ø min - max mm	Cu factor per km	Weight kg/km, approx.
2 x 0.75	19	5.7 - 7.2	14.4	50.0
3 G 0.75	19	6.0 - 7.6	21.6	60.0
4 G 0.75	19	6.6 - 8.3	29.0	73.0
5 G 0.75	19	7.4 - 9.3	36.0	88.0
2 x 1	18	5.9 - 7.5	19.0	57.0
3 G 1	18	6.3 - 8.0	29.0	73.0
4 G 1	18	7.1 - 9.0	38.0	85.0
5 G 1	18	7.8 - 9.8	48.0	105.0
2 x 1.5	16	6.8 - 8.6	29.0	82.0
3 G 1.5	16	7.4 - 9.4	43.0	95.0
4 G 1.5	16	8.4 - 10.5	58.0	117.0
5 G 1.5	16	9.3 - 11.6	72.0	144.0
3 G 2.5	14	9.2 - 11.4	72.0	152.0
4 G 2.5	14	10.1 - 12.5	96.0	192.0
5 G 2.5	14	11.2 - 13.9	120.0	243.0
3 G 4	12	10.5 - 13.1	115.0	235.0
4 G 4	12	11.5 - 14.3	154.0	300.0
5 G 4	12	13.0 - 16.1	192.0	361.0

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No. cores x cross-sec. mm ²	AWG, approx.	Outer-Ø min - max mm	Cu factor per km	Weight kg/km, approx.
7 G 1	18	9.3 - 12.0	67.0	131.0
7 G 1.5	16	11.0 - 14.0	101.0	183.0
7 G 2.5	14	13.0 - 17.0	168.0	316.0