

Ordinary duty 90°C PVC insulated and sheathed flexible cord, parallel twin, circular twin, 3-core, 4-core and 5-core, 300/500 V

Application:

- For installation in domestic environment, kitchen, office and household appliances, also in humid conditions, as well as connection subject to medium mechanical stress (e.g. washing-machines, hair-dryers, fridges). Also, they can be used for kitchen or heating appliances, if cable is not in direct contact with hot surfaces nor exposed to thermal radiation. Not suitable for industrial or agricultural workshops and non-domestic apparatus. Suitable where heat resistance is required.
- Minimum bending radius: 10 times of maximum overall diameter for mobile service and 4 times of maximum overall diameter for fixed installation.

Standard:

- ISIRI (607)57
- IEC (60227)57
- BS 6500
- HD 21

Construction:

- Annealed stranded copper conductor, class 5.
- PVC insulation, type E.
- Cores twisted together for circular cords or laid parallel for flat cords.
- PVC sheath type ST 10.

General specification:

- Rated voltage: 300/500 V.
- Working temperature: Max. 90°C.
- Harmonized code designation:
H05V2V2-F, H05V2V2H2-F.

Cross-sectional area Nom. mm ²	No. of wires x diameter Nom. mm	Insulation thickness mm	Sheath thickness mm	Mean overall diameter mm	Insulation resistance at 90°C Min. MΩ.km	Weight Approx. kg/km	Conductor resistance at 20°C Max. Ω/km
2 x 0.75	24 x 0.20	0.6	0.8	6.35 or 4 x 6.5	0.011	52 43	26.0
2 x 1	32 x 0.20	0.6	0.8	6.6	0.010	62	19.5
2 x 1.5	30 x 0.25	0.7	0.8	7.6	0.010	80	13.3
2 x 2.5	50 x 0.25	0.8	1.0	9.4	0.009	130	7.98
3 x 0.75	24 x 0.20	0.6	0.8	6.7	0.011	62	26.0
3 x 1	32 x 0.20	0.6	0.8	7.0	0.010	74	19.5
3 x 1.5	30 x 0.25	0.7	0.9	8.3	0.010	99	13.3
3 x 2.5	50 x 0.25	0.8	1.1	10.2	0.009	165	7.98
4 x 0.75	24 x 0.20	0.6	0.8	7.3	0.011	63	26.0
4 x 1	32 x 0.20	0.6	0.9	7.9	0.010	97	19.5
4 x 1.5	30 x 0.25	0.7	1.0	9.3	0.010	131	13.3
4 x 2.5	50 x 0.25	0.8	1.1	11.2	0.009	205	7.98
5 x 0.75	24 x 0.20	0.6	0.9	8.2	0.011	96	26.0
5 x 1	32 x 0.20	0.6	0.9	8.7	0.010	119	19.5
5 x 1.5	30 x 0.25	0.7	1.1	10.3	0.010	158	13.3

5 x 2.5

50 x 0.25

0.8

1.2

12.4

0.009

267

7.98