



H05V2V2-F

Construction

- Conductor: copper bare, fine wire, bunch stranded acc. to DIN EN 60228 cl. 5
- Insulation: heat resistant mixture TI3, acc. to EN 50363-3
- Core identification: acc. to DIN EN 0293-308
- Stranding: cores stranded
- Sheath: heat resistant mixture TM3, acc. to EN 50363-4-1

Technical data

- Nominal voltage: 300/500 V
- Test voltage: 2.000 V
- Conductor temperature:
 - in fixed condition: -40°C to +90°C
 - in mobile condition: 5°C to +90°C
- Minimum bending radius for reversed bending: 5 x cable diameter

Properties

- heat-resistant PVC flexible cable
- Corresponds to the directive 2006/95/EG (low voltage directive)
- Suitable for cooking and heating equipment and in high temperature areas (f.a. in lighting equipment) due to the special mixture of insulation and sheath providing the cable is not in contact with hot components or heat radiation. Not suitable for use in open air, industrial or agricultural buildings and for connecting commercial electrical tools. The highest conductor temperature is 90°C. Please note contact with skin should be avoided.

No.of cores x cross-section	Colour	Outer-Ø	Copper content	Weight
2 x 0,75	black	6,2	14,4	55
2 x 0,75	white	6,2	14,4	55
3G 0,75	black	6,6	21,6	64
3G 0,75	white	6,6	21,6	64
4G 0,75	black	7,1	29	76
4G 0,75	white	7,1	29	76
5G 0,75	black	7,9	36	91
5G 0,75	white	8	36	94
2 x 1,00	black	6,6	19,2	64

No.of cores x cross-section	Colour	Outer-Ø	Copper content	Weight
2 x 1,00	white	6,6	19,2	64
3G 1,00	black	7	29	76
3G 1,00	white	7	29	76
4G 1,00	black	7,8	38,4	95
4G 1,00	white	7,8	38,4	95
5G 1,00	black	8,6	48	116
5G 1,00	white	8,6	48	116
3G 1,5	black	8,1	43	103
3G 1,5	white	8,1	43	103
4G 1,5	black	9,1	58	131
4G 1,5	white	9,1	58	131
5G 1,5	black	10,2	72	163
5G 1,5	white	10,1	72	162
3G 2,5	black	10	72	162
3G 2,5	white	9,9	72	159
4G 2,5	black	10,9	96	198
4G 2,5	white	10,9	96	198
5G 2,5	black	12,1	120	245
5G 2,5	white	12,1	120	245

- Further formats available on request
- All data and products subject to change