



Cu/PVC/PVC
300/500V
H05V2V2H2-F Flat Cable

DESCRIPTION:

300/500V for H05V2V2-F, 90° C

CABLE STRUCTURE:

Conductor:

Class 5 flexible copper conductor

Insulation:

PVC

Sheath:

PVC

TECHNICAL DATA:

Voltage Rating (U₀/U)

300/500V

Temperature Rating

-20°C to +90°C

Minimum Bending Radius

Fixed: 8 × overall diameter

APPLICATION:

Suitable for kitchens, offices; connecting household appliances (even in wet areas) including washers, hair dryers, fridges (resistant to medium mechanical stress). Also usable for cooking/heating equipment, but the cable must not touch hot parts or be exposed to heat. Fits scenarios requiring higher heat resistance.

CERTIFICATES:

We hold SAA, CE, TUV and CCC certifications for our product categories. Additionally, we possess other authoritative certifications recognized in various countries and regions. For further details on our certification portfolio, please do not hesitate to contact us.

STANDARD:

EN 50525-2-11

conductor conforming to IEC 60228 standard

TI3 PVC complying with EN 50363-3 standard

TM3 type PVC compound complying

with EN 50363-4-1 standard





Cu/PVC/PVC 300/500V H05V2V2-F Flexible Cable

Specifications

No. of cores	Nominal cross sectional area	Nominal thickness of sheath	Nominal thickness of sheath	Nominal overall diameter	Nominal weight
	mm2	mm	mm	mm	kg/km
2	0.75	0.6	0.8	6.3	63
3	0.75	0.6	0.8	6.7	74
3	1	0.6	0.8	7	86
3	1.5	0.7	0.9	8.1	115
3	2.5	0.8	1	9.7	170
4	0.75	0.6	0.8	7.3	78
4	1	0.6	0.9	7.9	110
4	1.5	0.7	1	9	140
4	2.5	0.8	1.1	10.8	210
5	0.75	0.6	0.9	8.1	105