



**Cu/PVC/PVC-f
300/500 V
NYMHY/H05VV-F**

DESCRIPTION:

300/500 VOLT Flexible Copper Wire
PVC Insulated PVC Sheathed Cable

CABLE STRUCTURE:

Conductor: Flexible copper conductor,
conform to IEC 60228 class 5
Insulation: PVC/D
Sheath: PVC type St5

CODE DESIGNATION:

60227 IEC53(International)
RVV 300/300V(China)
318-Y/H05VV-F(VDE)
NYMHY-I(Indonesia)

APPLICATION:

Ordinary duty PVC cable for use in domestic appliances,kitchens and offices. For use with light portable appliances such as table lamps and office equipment. Generally unsuitable for outdoor use or industrial applications.

TECHNICAL DATA:

Rated voltage:

300/500 V

Max.Conductor Temp.in normal use:

70°C

Min.Bending Radius:

8 × cable O.D

STANDARD:

International:

IEC 60227

European standard:

EN 50525-2-11, EN 60228

Flame Retardant according to IEC/EN 60332-1-2

Indonesia standard:

Conductor refer to SNI IEC 60228

insulation refer to SNI 6629.1; SNI 04-6629.5

PVC sheath refer to Grade ST5 to

SNI 04-6629.4. White colour

China:

GB/T 5023-2008

Other standards

such as BS, DIN and ICEA upon request

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.





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Specifications

Nom.Cross- section Area	Insulation Thickness	Sheath Thickness	Approx.O.D		Insulation Min. Resistance at 70°C	Max.D.C.Resistance of Conductor (20°C)
			Lower Limit	Upper Limit		
mm ²	mm	mm	mm	mm	MΩ/km	Ω/km
2×0.75	0.6	0.8	5.7	7.2	0.011	26
2×1.0	0.6	0.8	5.9	7.5	0.01	19.5
2×1.5	0.7	0.8	6.8	8.6	0.01	13.3
2×2.5	0.8	1	8.4	10.6	0.009	7.98
3×0.75	0.6	0.8	6	7.6	0.011	26
3×1.0	0.6	0.8	6.3	8	0.01	19.5
3×1.5	0.7	0.9	7.4	9.4	0.01	13.3
3×2.5	0.8	1.1	9.2	11.4	0.009	7.98
4×0.75	0.6	0.8	6.6	8.3	0.011	26
4×1.0	0.6	0.9	7.1	9	0.01	19.5
4×1.5	0.7	1	8.4	10.5	0.01	13.3
4×2.5	0.8	1.1	10.1	12.5	0.009	7.98
5×0.75	0.6	0.8	7.4	9.3	0.011	26
5×1.0	0.6	0.9	7.8	9.8	0.01	19.5
5×1.5	0.7	1.1	9.3	11.6	0.01	13.3
5×2.5	0.8	1.2	11.2	13.9	0.009	7.98