Cu/PVC 450/750V 6491X/H07V-R/H07V-U/NYA Cable

DESCRIPTION:

Single-core non-sheathed cables with rigid conductor for general purposes

CABLE STRUCTURE:

Conductor: (H07V-U)

Plain circular solid copper conductor, conform to IEC 60228 class 1

Conductor: (H07V-R)

Plain circular stranded copper conductor, conform to IEC 60228 class 2

Insulation:

PVC/C St5/St10

CODE DESIGNATION:

60227 IEC 01(International);

BV 450/750V(China); BVR 450/750V(China),

H07V-U(VDE) H07V-R/NYA

APPLICATION:

For building wire installed in conduit in dry location and interwiring in swich board and control panel.

TECHNICAL DATA:

Rated voltage:

450/750 V

Max.Conductor Temp.in normal use:

70°C

Min.Bending Radius:

4 × cable O.D

STANDARD:

International:

IEC 60227, EN 50525-2-31

European standard:

EN 50525-2-31

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

Indonesian Standard:

Conductor SNI IEC 60228/PVC

Insulation SNI 6629.1; SNI 04-6629.3

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	Class of Conductor	Insulation Thickness	Mean.O.D.		Insulation Min Resistance at 90℃	Conductor Max. Resistance at 20℃	Approx. Weight
			Lower Limit	Upper Limit			
mm²	mm	mm	mm	mm	MΩ/km	Ω/km	kg/km
1.5	1	0.7	2.6	3.2	0.011	12.1	20.3
1.5	2	0.7	2.7	3.3	0.01	12.1	21.6
2.5	1	0.8	3.2	3.9	0.01	7.41	31.6
2.5	2	0.8	3.3	4	0.009	7.41	34.8
4	1	0.8	3.6	4.4	0.0085	4.61	47.1
4	2	0.8	3.8	4.6	0.0077	4.61	50.3
6	1	0.8	4.1	5	0.007	3.08	68
6	2	0.8	4.3	5.2	0.0065	3.08	71.2
10	1	1	5.3	6.4	0.007	1.83	112
10	2	1	5.6	6.7	0.0066	1.83	119
16	2	1	6.4	7.8	0.005	1.15	179
25	2	1.2	8.1	9.7	0.005	0.727	281
35	2	1.2	9	10.9	0.0043	0.524	381
50	2	1.4	10.6	12.6	0.0035	0.387	521
70	2	1.4	12.1	14.6	0.0032	0.286	734
95	2	1.6	14.1	17.1	0.0032	0.193	962
120	2	1.6	15.6	18.8	0.0032	0.153	1180
150	2	1.8	17.3	20.9	0.0032	0.124	1470
185	2	2	19.3	23.3	0.0032	0.0991	1810
240	2	2.2	22	26.6	0.0032	0.0754	2350
300	2	2.4	24.5	29.6	0.003	0.0601	2930
400	2	2.6	27	33.2	0.0028	0.047	3870