



**Cu/PVC-f
450/750V
2491X/H07V-K/NYAF**

DESCRIPTION:

Single-core non-sheathed cables with Flexible
Class 5 conductor for general purposes

CABLE STRUCTURE:

Conductor:

Plain circular stranded copper conductor,
conform to IEC 60228 class 5

Insulation:

PVC/C St5/St10

CODE DESIGNATION:

60227 IEC 01(International)

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

2491X /H07V-K,NYAF

STANDARD:

International:

IEC 60227

European standard:

EN 50525-2-31, EN 60228,

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

Indonesia standard:

Conductor SNI IEC 60228,

PVC Insulation SNI 6629.1 ; SNI 04-6629.5

China:

GB/T 5023-2008

Other standards

such as BS, DIN and ICEA upon request

APPLICATION:

PVC panel wiring for use in the switch control,
relay and instrumentation panels of power switchgear
and for purposes such as internal connectors in
rectifier equipment, motor starters and controllers.

TECHNICAL DATA:

Rated voltage:

450/750V

Max.Conductsr Temp.in normal use:

70°C

Min.Bending Radius:

6 x cable O.D

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.





Cu/PVC-f 450/750V 2491X/H07V-K/NYAF

Specifications

Nom.Cross- section Area	No.of wire and Diameter	Nominal Thickness Insulation	overall diameter	cable Weight	Min.Insulation DC Resistance at 20°C	Max current carrying at 30 °C in air
mm ²	mm	mm	mm	kg/km	MΩ/km	A
1.5	30/0.25	0.7	3.2	23	10	24
2.5	50/0.25	0.8	4.0	36	9	32
4	56/0.3	0.8	4.6	51	8	41
6	84/0.3	0.8	5.2	73	7	53
10	84/0.4	1.0	6.5	116	7	72
16	126/0.4	1.0	8.0	180	5	97
25	196/0.4	1.2	10.1	275	4	128
35	278/0.4	1.2	11.3	385	4	156
50	398/0.4	1.4	13.4	550	4	195
70	360/0.5	1.4	15.4	750	3	243
95	475/0.5	1.6	17.7	1000	3	287
120	608/0.5	1.6	20.0	1240	3	342
150	760/0.5	1.8	21.9	1550	3	386
185	925/0.5	2	24.2	1900	3	441
240	1221/0.5	2.2	26.6	2450	3	525