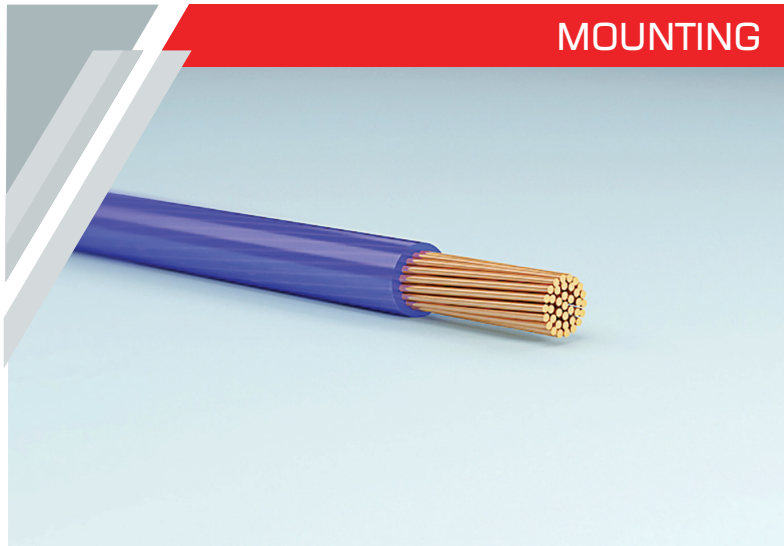


## MOUNTING



### PV-3

**Conductor with copper core, polyvinylchloride insulation, increased flexible**

### PV-3-FR-LS

**The same as PV-1, but with low gas and Smoke polyvinylchloride insulation**

#### STANDARD

GOST 6323-79 26445-85  
31947-2012

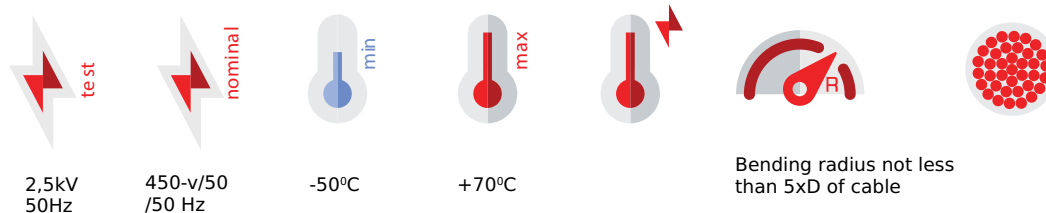
#### FOREIGN ANALOGUE

ПВ-3 GOST 6323-79 26445-85  
31947-2012 | H05V-U STANDARD DIN VDE 0281-3

### APPLICATION

For lighting and power circuits while stationary laying in electric devices, for inflexible installation in electric devices, machinery, mechanisms and industrial machines for rated voltage up to 450V (for networks 450/750V) frequency up to 400 Hz or permanent voltage 1000V. Is used for laying in empty places of steel pipes and construction structures, where there are not frequent bends of the conductor.

- ! - **PV-3** - Fire Retardant in single layer
- **PV-3 LS** Fire Retardant in Multi layer



- i - Installation temperature: not less than -15°C.
- Conductive lobe for long-term allowable heating temperature +70°C.
- The conductor is resistant to 100% relative air humidity under +35°C.

### CONSTRUCTION

The copper cores with section 1,5-4,0mm<sup>2</sup> inclusive are produced with PPV-1 flexibility and PPV-3 with 3,4 class flexibility according to the standard 22483-77. Number of cores in the conductor 2,3

### THE CONSTRUCTION LENGTH OF THE CABLES

not less than 100m

**PACKING** On wooden drum or bundles (coils).

### LABELING

Label attached to wooden drum or bundle (coils). An inscription is made on the cable core: JSC Sakcable, cable brand, metric.

### SERVICE LIFETIME

not less than 15 years

### WARRANTY PERIOD

2 years after entering into service, in the proper installation and working conditions.

**PV-3 GOST 6323-79 26445-85 31947-2012**

Part Name	Conductor resistance [Ω/km]	Ampacity (in air) [A]	Thickness of insulation [mm]	Outer diameter [mm]	Bending radius [mm]	სპილენძის წონა არა უმეტეს კგ/კმ	Weight [kg/km]
0,5	40,5	11	0,6	2	10	4,4	7,15
0,75	25,2	15	0,6	2,2	11	6,7	8,89
1	19,8	17	0,6	2,3	11	8,9	11,55
1,5	13,2	23	0,7	2,8	14	13,3	13,87
2,5	8,05	30	0,8	3,5	17	22,2	29,01
4	4,89	41	0,8	4	20	35,6	45,15
6	3,28	50	0,8	4,6	23	53,3	67,67
10	2	80	1	6,3	30	90	107,49
16	1,21	100	1	7,5	38	142,2	181,92
25	0,809	140	1,2	9,9	50	222,25	273,48
35	0,551	170	1,2	10,9	55	311,2	379,02
50	0,394	215	1,4	13,3	67	444,5	499,06
70	0,277	270	1,4	15,5	78	622,3	700,05
95	0,203	330	1,6	17,6	88	844,6	972,41
120	0,158	385	1,8	19,3	97	1066,8	1196,57



re - Single-core  
 rm - Multi-core