



INTERKABEL KYIV

PV-1 Flat cable

DESIGN



- 1 | Copper conductor, round solid (RE)
- 2 | Core insulation (PVC)
- 3 | Sheath (PVC black, UV-resistant)

APPLICATION

For fixed installation under plaster, in conduits and in trunkings.

TECHNICAL DATA



Standard:
ČSN 34 7411



Rated voltage:
450/750 V



Test voltage:
2.5 kV/50 Hz



Temperature range:
 laying temperature: min. -15 °C
 operating temperature: -40 °C up to +50 °C
 conductor temperature: max. +70 °C
 short-circuit temperature: max. +160 °C/5 s



Bending radius (min.):
6 x cable height
or 6 x cable width



Core identification:
HD 308 S2



Fire properties:
flame retardant:
EN 60332-1-2



Certificate:
UkrSepro certification in Ukraine
EZÚ Czech Republic, EVPÚ Slovak Republic

Number and nominal cross-section of cores (mm ²)	Calculated cable diameter (mm)	Calculated weight 1 km of cable (kg)	Cores' electrical resistance, in keeping with IEC 60228, no more (Om/km)
PV-1			
1 x 0,75	4,2	21	24,500
1 x 1	4,5	26	18,100
1 x 1,5	4,8	32	12,100
1 x 2,5	5,3	43	7,410
2 x 0,75	4,2 x 6,6	38	24,500
2 x 1	4,5 x 7,4	47	18,100
2 x 1,5	4,8 x 7,9	59	12,100
2 x 2,5	5,7 x 9,2	88	7,410
3 x 0,75	4,6 x 9,4	60	24,500
3 x 1	5,0 x 10,6	76	18,100
3 x 1,5	5,3 x 11,3	94	12,100
3 x 2,5	5,7 x 12,7	129	7,410
3 x 4	6,8 x 15,3	195	4,610
3 x 6	7,5 x 17,1	263	3,080

Subject to technical changes.



INTERKABEL KYIV

PV-2 Flat cable

DESIGN



- 1 | Copper conductor, round solid (RE)
- 2 | Core insulation (PVC)
- 3 | Sheath (PVC black, UV-resistant)

APPLICATION

For fixed installation under plaster, in conduits and in trunkings.

TECHNICAL DATA



Standard:
ČSN 34 7411



Rated voltage:
450/750 V



Test voltage:
2.5 kV/50 Hz



Temperature range:
 laying temperature: min. -15 °C
 operating temperature: -40 °C up to +50 °C
 conductor temperature: max. +70 °C



Bending radius (min.):
6 x cable height
or 6 x cable width



Core identification:
HD 308 S2



Fire properties:
flame retardant:
EN 60332-1-2



Certificate:
UkrSepr certification in Ukraine

Number and nominal cross-section of cores (mm ²)	Calculated cable diameter (mm)	Calculated weight 1 km of cable (kg)	Cores' electrical resistance, in keeping with IEC 60228, no more (Ωm/km)
PV-2			
1 x 0,75	3,9	22	25,500
1 x 1	4,3	26	21,800
1 x 1,5	4,6	33	14,000
1 x 2,5	5,0	45	7,490
1 x 4	5,8	63	4,790
1 x 6	6,3	85	3,110
1 x 10	8,1	144	1,990
1 x 16	9,1	201	1,210
1 x 25	10,8	302	0,809
1 x 35	11,9	398	0,551
2 x 0,75	4,3 x 6,8	39	25,500
2 x 1	4,7 x 7,6	48	21,800
2 x 1,5	5,1 x 8,3	62	14,000
2 x 2,5	5,9 x 9,8	93	7,490

Subject to technical changes.



INTERKABEL KYIV

PVV5

Flat cable

DESIGN



- 1 | Copper conductor, round solid (RE)
- 2 | Core insulation (PVC)
- 3 | Sheath (PVC black, UV-resistant)

APPLICATION

Permissible for use in areas subject to moderate mechanical, in conduits and in trunkings.

TECHNICAL DATA


Standard:

TU U 31.3-32739864-007-2004


Rated voltage:

450/750 V


Test voltage:

2.5 kV/50 Hz


Temperature range:

laying temperature: min. -15 °C
 operating temperature: -40 °C up to +50 °C
 conductor temperature: max. +70 °C short-


Bending radius (min.):

6 x cable height
or 6 x cable width


Core identification:

HD 308 S2


Fire properties:

flame retardant:
 EN 60332-1-2


Certificate:

UkrSepr certification in Ukraine

Number and nominal cross-section of cores (mm ²)	Calculated cable diameter (mm)	Calculated weight 1 km of cable (kg)	Cores' electrical resistance, in keeping with IEC 60228, no more (Om/km)
PVV-5			
1 x 0,75	4,5	23	26,000
1 x 1	4,9	28	19,500
1 x 1,5	5,3	34	13,300
1 x 2,5	5,8	48	7,980
2 x 1+1 x 1	5,4 x 11,8	75	19,500
2 x 1,5+1 x 1	5,7 x 12,4	87	13,300/19,500
2 x 2,5+1 x 1,5	6,7 x 14,4	128	7,980/13,300
3 x 1+1 x 1	5,8 x 15,4	105	19,500
3 x 1,5+1 x 1	6,2 x 16,4	125	13,300/19,500
3 x 2,5+1 x 1,5	6,8 x 18,5	173	7,980/13,300

Subject to technical changes.