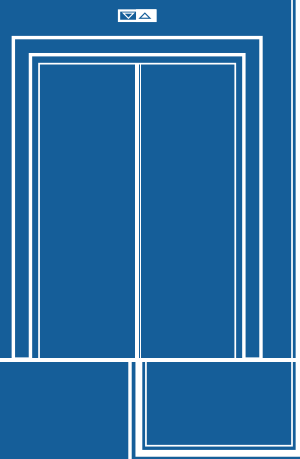




«**FIRMA PODIY**»

PRODUCT CATALOG

www.firmapodiy.ru



«FIRMA PODIY» LLC	2
FLAT ELEVATOR CABLES	
KPL	3
KPLm	4
KPLU	5
COMBINED FLAT ELEVATOR CABLES	
KPLK	8
KPLKU	10
FLAME-RESISTANT AND HALOGEN FREE FLAT ELEVATOR CABLES	
KPLng(C)-LS	11
KPLng (A)-HF	12
KPLng (C)-LS	13
KPLng (A)-HF	14
KPLng (C)-LS	15
KPLng (A)-HF	16
KPLKUnG(C)-LS	17
KPLKUnG(A)-HF	18
FLAT INSTOLATION WIRES	
PUVP	19
PUVP-1	20
PUVPG	21
PUVPG-1	22
PUVPGng(C)-LS	23
PUVPG ng(C)-LS-T	24
RIBBON WIRES OF UNIFIED SERIES	
LSV-2-7	25
LSVT-2-7	26
COMBINED FLAT ELEVATOR CABLE FOR COMMUNICATION SYSTEMS	
KPLKS	27
OTHER WIRES	
PSUE	28
PVAz	29
PVAzl	29
CABLE ASSEMBLES, HARNESSSES	30
SETS	32
CLIPS AND CONNECTORS	33



«FIRMA PODIY» LLC was established in 1992 as a research and production structure, specializing on technologies development and production of cables and conductors of flat types. Cables and wires of “FIRMA PODIY” brand are used in electronical-engineering, electrical and mechanical-engineering industries. Cable-conductor products are certified and comply with requirements of electric and fire safety of customs union standards system. Purchasers of flat wires and cables are Russian and foreign consumers.

Considering constantly growing requirements of the consumers, the company has developed design and implemented production of cables and wires of new generation. “FIRMA PODIY” LLC focuses on development and manufacturing of products for signal transmission in elevator management systems.

The main quality policy of the company is the development and manufacture of wires and cables, which by their technical and economic indicators and reliability correspond to world standards and consumer requirements. The company has developed and certified a quality management system for compliance with the requirements of GOST R ISO 9001-2015 (ISO 9001: 2015). Every year considerable funds are spent on technical re-equipment and personnel training.

Technical and social policy of the company are aimed at creating a professional team, providing new modern equipment to the production and developing new products and materials. We constantly work on improvement of the reliability and increasing competitiveness of our products, satisfying the needs of the consumers.



CABLE BRAND

KPL



Technical specifications TU 3548-003-17512508-96; IEC 60227-6-2011

NUMBER AND NOMINAL SECTION OF MAIN CORES, mm ²	CABLE DIMENSIONS H mm x W mm	ESTIMATED WEIGHT OF 1 km OF CABLE, kg	Flat elevator cable with copper cores with insulation and cover of polyvinylchloride compound.
6x0,75	4,2x17,6	141	
12x0,75	4,2x33,0	270	
16x0,75	4,2x45,0	370	
18x0,75	4,2x49,5	400	
20x0,75	4,2x55,0	425	
24x0,75	4,2x66,5	534	

OPERATION VOLTAGE	CLIMATIC MODIFICATION
300/500V inclusively of alternate current with nominal frequency 50Hz	NF, placement categories 3 and 4 in accordance with GOST 15150-69

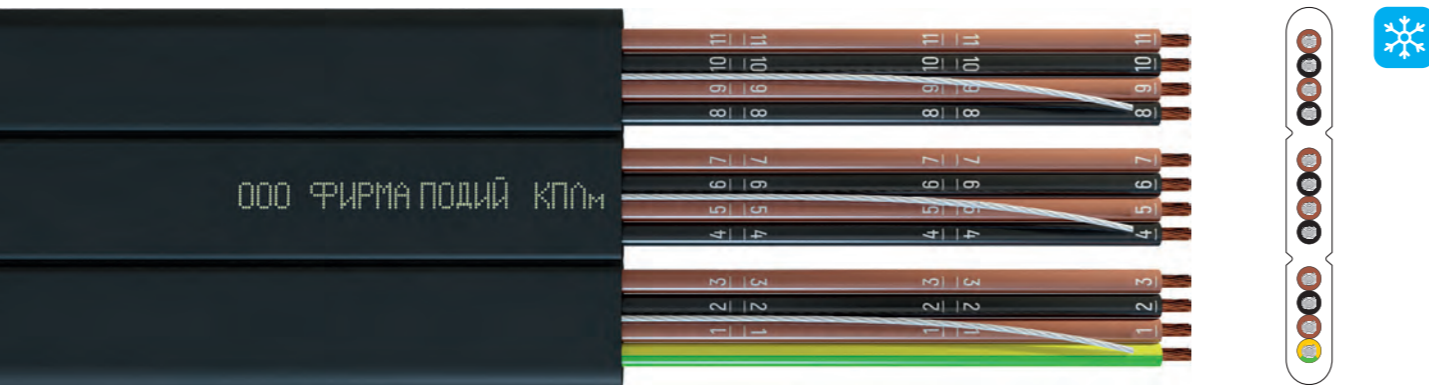
ELECTRICAL PARAMETERS

Nominal cores section, mm ²	0,75
Electrical resistance of the conductor core at a temperature of 20 °C, not more, Ω / km	26,0
Electrical resistance of cores insulation at a temperature of 20 °C for 1 km, not less, MΩ	20
Electrical resistance of cores insulation at a temperature of 70 °C for 1 km, not less, MΩ	0,0110

OPERATION PARAMETERS

Minimal installation bending radius, mm	50
Operation temperature range, °C	-10...+50
Maximum permissible heating temperature of the conductive core, °C	70
Service life, not less than years	12
Construction length, not less, m	450
<i>Note: when supplied in coils, maximum cable length not more than 100m (in individual carton package or on pallet, depending on customer requirement)</i>	
The distance between vertically hanging cable branches when bended, not more, m	0,7
Number of cycles «down-up», not less	5 000 000
Twisting not more, degree	8
Maximum length of free hanging cables, not more, m	50
Elevator speed, not more, m/sec	4
Fire hazard class according to GOST31565	O1.8.2.5.4.

CABLE BRAND | **KPLm**



Technical specifications TU 3548-003-17512508-96; IEC 60227-6-2011

NUMBER AND NOMINAL SECTION OF MAIN CORES, mm ²	CABLE DIMENSIONS H mm x W mm	ESTIMATED WEIGHT OF 1 km OF CABLE, kg	Flat elevator cable with copper cores, cold resistant, with insulation and cover of polyvinylchloride compound.
6x0,75	4,2x17,6	141	
12x0,75	4,2x33,0	270	
16x0,75	4,2x45,0	370	
18x0,75	4,2x49,5	400	
20x0,75	4,2x55,0	425	
24x0,75	4,2x66,5	534	

OPERATION VOLTAGE	CLIMATIC MODIFICATION
300/500V inclusively of alternate current with nominal frequency 50Hz	NF, placement categories 3 and 4 in accordance with GOST 15150-69

ELECTRICAL PARAMETERS

Nominal cores section, mm ²	0,75
Electrical resistance of the conductor core at a temperature of 20 °C, not more, Ω / km	26,0
Electrical resistance of cores insulation at a temperature of 20 °C for 1 km, not less, MΩ	20
Electrical resistance of cores insulation at a temperature of 70 °C for 1 km, not less, MΩ	0,0110

OPERATION PARAMETERS

Minimal installation bending radius, mm	50
Operation temperature range, °C	-30...+50
Maximum permissible heating temperature of the conductive core, °C	70
Service life, not less than years	12
Construction length, not less, m	450
<i>Note: when supplied in coils, maximum cable length not more than 100m (in individual carton package or on pallet, depending on customer requirement)</i>	
The distance between vertically hanging cable branches when bended, not more, m	0,7
Number of cycles «down-up», not less	5 000 000
Twisting not more, degree	8
Maximum length of free hanging cables, not more, m	50
Elevator speed, not more, m/sec	4
Fire hazard class according to GOST31565	O1.8.2.5.4.

FLAT ELEVATOR CABLES

CABLE BRAND | **KPLU**



Technical specifications TU 3548-003-17512508-96; IEC 60227-6-2011

NUMBER AND NOMINAL SECTION OF MAIN CORES, mm ²	NUMBER AND NOMINAL DIAMETER OF REINFORCING ELEMENTS, mm	CABLE DIMENSIONS H mm x W mm	ESTIMATED WEIGHT OF 1 km OF CABLE, kg	Flat elevator cable with copper cores, with insulation and cover of polyvinylchloride compound, with reinforcing elements.
12x0,75		4,2x39,5	311	
18x0,75		4,2x55,0	429	
20x0,75		4,2x61,5	479	
24x0,75		4,2x72,0	564	

OPERATION VOLTAGE	CLIMATIC MODIFICATION
300/500V inclusively of alternate current with nominal frequency 50Hz	NF, placement categories 3 and 4 in accordance with GOST 15150-69

ELECTRICAL PARAMETERS

Nominal cores section, mm ²	0,75
Electrical resistance of the conductor core at a temperature of 20 °C, not more, Ω / km	26,0
Electrical resistance of cores insulation at a temperature of 20 °C for 1 km, not less, MΩ	20
Electrical resistance of cores insulation at a temperature of 70 °C for 1 km, not less, MΩ	0,0110

OPERATION PARAMETERS

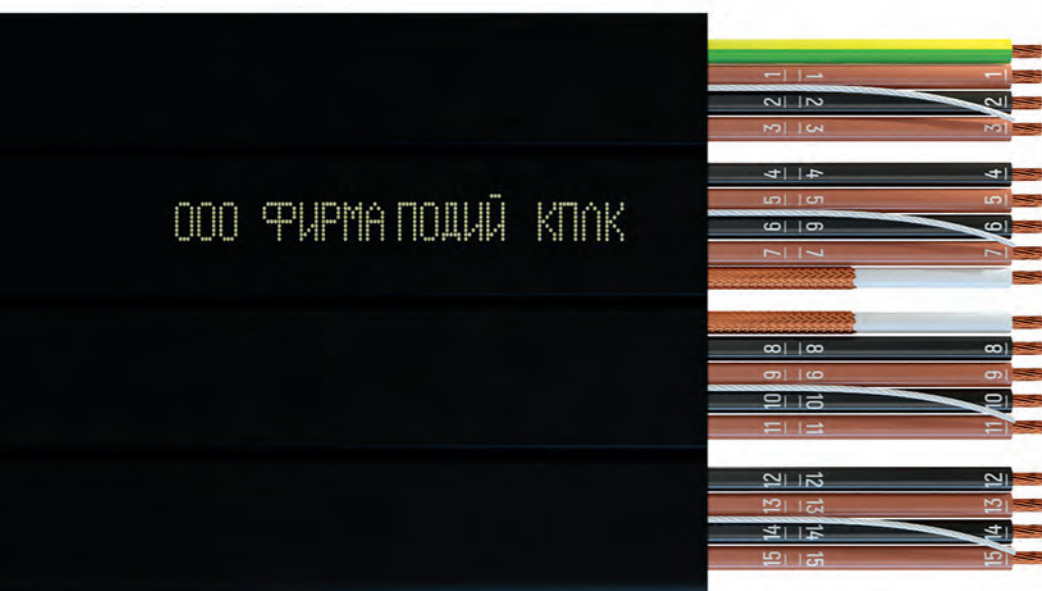
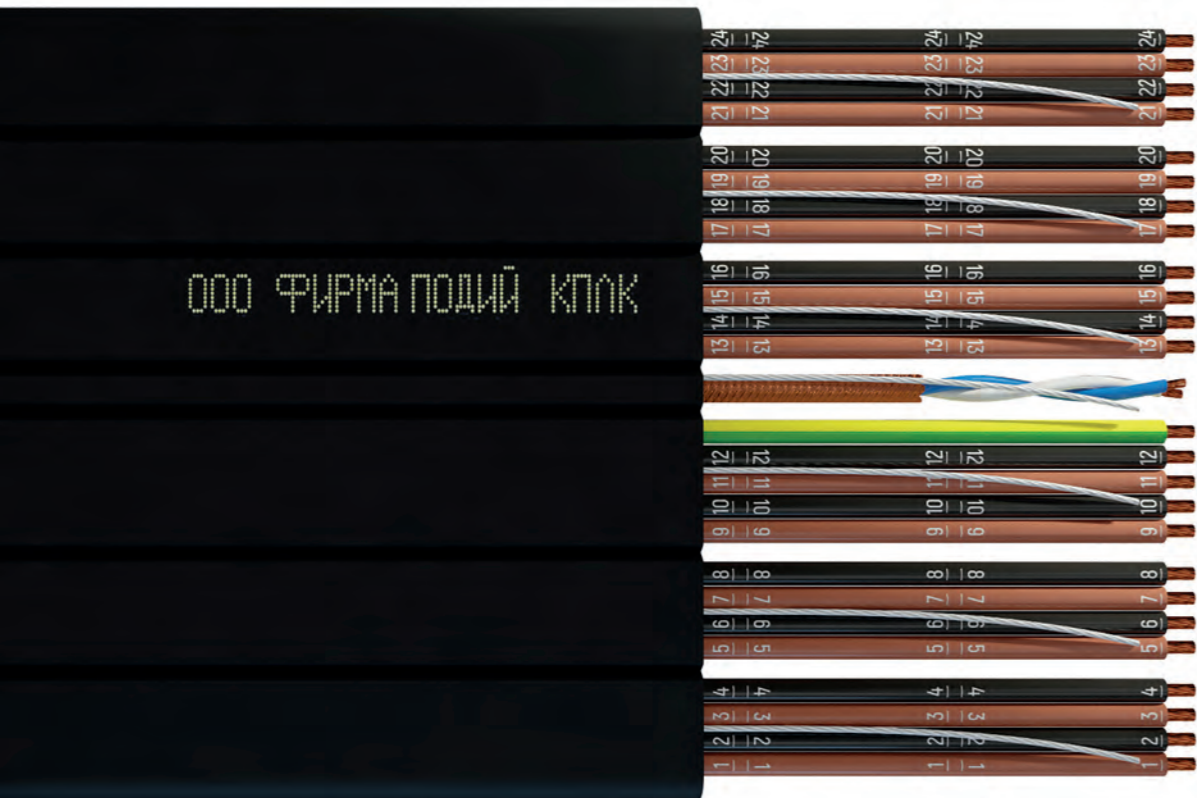
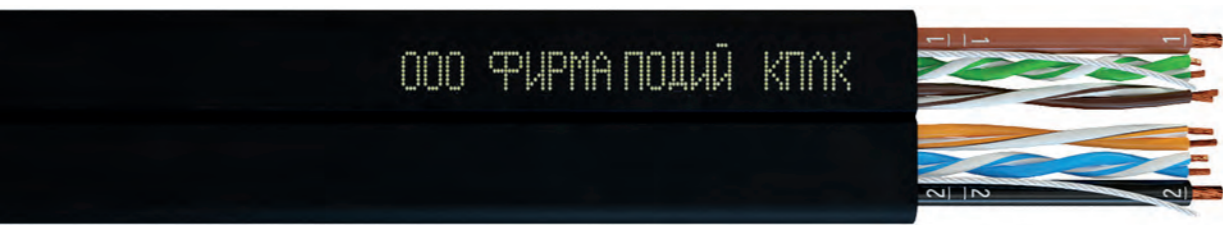
Minimal installation bending radius, mm	50
Operation temperature range, °C	-10...+50
Maximum permissible heating temperature of the conductive core, °C	70
Service life, not less than years	12
Construction length, not less, m	450
<i>Note: when supplied in coils, maximum cable length not more than 100m (in individual carton package or on pallet, depending on customer requirement)</i>	
The distance between vertically hanging cable branches when bended, not more, m	0,7
Number of cycles «down-up», not less	5 000 000
Twisting not more, degree	8
Maximum length of free hanging cables, not more, m	with metal reinforcing elements: 80 with synthetic reinforcing elements: 100
Elevator speed, not more, m/sec	4
Fire hazard class according to GOST31565	O1.8.2.5.4.

FLAT ELEVATOR CABLES

CABLE BRAND

KPLK

Technical specifications TU 3548-006-17512508-2004



NUMBER AND NOMINAL SECTION OF MAIN CORES AND DATA ELEMENTS, mm ²	CABLE DIMENSIONS H mm x W mm	ESTIMATED WEIGHT OF 1 km OF CABLE, kg	Flat elevator cable, combined, flexible, with copper main cores, insulated with polyvinylchloride compound and additional copper cores insulated with ethylene block copolymer with propylene, polyethylene in common shell made of polyvinylchloride compound.
24x0,75+1x1,50+(2x0,50)э	5,7x71,0	644,2	
16x0,75+4x1,0+2x(4x0,25)+(2x0,25)э	5,0x67,5	572,0	
18x0,75+(2x0,50)э	5,7x53,0	515,0	
16x0,75+2э x 0,50	4,2x49,5	383,5	
14x0,75+2э x 0,50	4,2x45,0	339,4	
8x0,75+4x(2x0,20)	4,2x33,0	305,3	
4x0,75+2x(2x0,25)	4,6x20,4	137,8	
4x0,75+2x(2x0,25)э	4,7x20,6	157,6	
2x0,75+4x(2x0,20)	4,2x17,6	150,0	

OPERATION VOLTAGE	CLIMATIC MODIFICATION
300/500V of alternate current with nominal frequency 50Hz on main cores and up to 145 V inclusively of alternate current on data elements	NF, placement categories 3 and 4 in accordance with GOST 15150-69

ELECTRICAL PARAMETERS

Nominal cores section, mm ²	0,75		
Electrical resistance of the conductor core at a temperature of 20 °C, not more, Ω / km	26,0		
Electrical resistance of cores insulation at a temperature of 20 °C for 1 km, not less, MΩ	20		
Electrical resistance of cores insulation at a temperature of 70 °C for 1 km, not less, MΩ	0,0110		
Data elements, sections, mm²	0,20	0,25	0,50
Electrical resistance of the conductor core at a temperature of 20 °C, not more, Ω / km	145	77,8	39,0
Electrical resistance of cores insulation at a temperature of 20 °C for 1 km, not less, MΩ	5x10 ³	10 ³	10 ³

OPERATION PARAMETERS

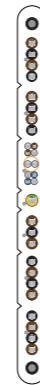
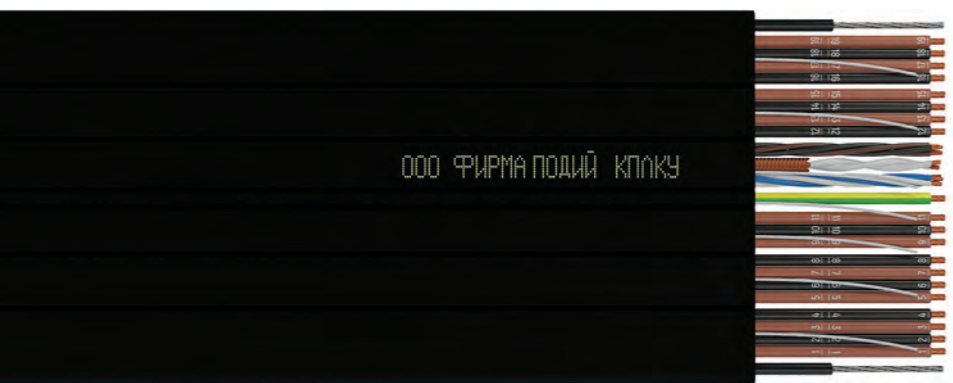
Minimal installation bending radius, mm	50	
Operation temperature range, °C	-10...+50	
Maximum permissible heating temperature of the conductive core, °C	70	
Service life, not less than years	12	
Construction length, not less, m	For cables with signal pairs (2x0,25) and (2x0,50), not less than	For cables with signal pairs (2x0,20), not more than
	450	70
<i>Note: when supplied in coils, maximum cable length not more than 100m (in individual carton package or on pallet, depending on customer requirement)</i>		
The distance between vertically hanging cable branches when bended, not more, m	0,7	
Number of cycles «down-up», not less	5 000 000	
Twisting not more, degree	8	
Maximum length of free hanging cables, not more, m	50	
Elevator speed, not more, m/sec	4	
Fire hazard class according to GOST 31565	O1.8.2.5.4	

FLAT COMBINED ELEVATOR CABLES

CABLE BRAND

KPLKU

Technical specifications TU 3548-006-17512508-2004



NUMBER AND NOMINAL SECTION OF MAIN CORES AND DATA ELEMENTS, mm ² NUMBER AND DIAMETER OF REINFORCING ELEMENTS, mm	CABLE DIMENSIONS H mm x W mm	ESTIMATED WEIGHT OF 1 km OF CABLE, kg
16x0,75+4x1,0+2x(4x0,25)+(2x0,25)э	5,0x72,0	616,0

Flat elevator cable, combined, flexible, with reinforcing elements, with copper main cores, insulated with polyvinylchloride compound and additional copper cores insulated with ethylene block copolymer with propylene, polyethylene in common shell made of polyvinylchloride compound

OPERATION VOLTAGE	CLIMATIC MODIFICATION
300/500V of alternate current with nominal frequency 50Hz on main cores and up to 145 V inclusively of alternate current on data elements	NF, placement categories 3 and 4 in accordance with GOST 15150-69

ELECTRICAL PARAMETERS

Nominal cores section, mm ²	0,75	
Electrical resistance of the conductor core at a temperature of 20 °C, not more, Ω / km	26,0	
Electrical resistance of cores insulation at a temperature of 20 °C for 1 km, not less, MΩ	20	
Electrical resistance of cores insulation at a temperature of 70 °C for 1 km, not less, MΩ	0,0110	
Data elements, sections, mm²	0,20	0,25
Electrical resistance of the conductor core at a temperature of 20 °C, not more, Ω/ km	145	77,8
Electrical resistance of cores insulation at a temperature of 20 °C for 1 km, not less, MΩ	5x10 ³	10 ³

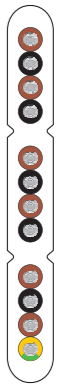
OPERATION PARAMETERS

Minimal installation bending radius, mm	50	
Operation temperature range, °C	-10...+50	
Maximum permissible heating temperature of the conductive core, °C	70	
Service life, not less than years	12	
Construction length, not less, m	For cables with signal pairs (2x0,25) and (2x0,50), not less than	For cables with signal pairs (2x0,20), not more than
<i>Note: when supplied in coils, maximum cable length not more than 100m (in individual carton package or on pallet, depending on customer requirement)</i>	450	70
The distance between vertically hanging cable branches when bended, not more, m	0,7	
Number of cycles «down-up», not less	5 000 000	
Twisting not more, degree	8	
Maximum length of free hanging cables, not more, m	with metal reinforcing elements	with synthetic reinforcing elements
	80	100
Elevator speed, not more, m/sec	4	
Fire hazard class according to GOST 31565	O1.8.2.5.4	

CABLE BRAND

KPLng(C)-LS

Technical specifications TU 3548-005-17512508-2004



NUMBER AND NOMINAL SECTION OF MAIN CORES, mm ²	CABLE DIMENSIONS H mm x W mm	ESTIMATED WEIGHT OF 1 km OF CABLE, kg
6x0,75	4,2x17,6	155,09
12x0,75	4,2x33,0	294,43
16x0,75	4,2x45,0	399,64
18x0,75	4,2x49,5	441,55
20x0,75	4,2x55,0	490,71
24x0,75	4,2x66,5	592,38

Flat elevator cable with copper conductors insulated with polyvinylchloride compound, with reduced fire hazard and reduced smoke and gas emission

OPERATION VOLTAGE	CLIMATIC MODIFICATION
Up to 300/500V inclusively of alternate current with nominal frequency 50 Hz	NF, placement categories 3 and 4 in accordance with GOST 15150-69

ELECTRICAL PARAMETERS

Nominal cores section, mm ²	0,75	
Electrical resistance of the conductor core at a temperature of 20 °C, not more, Ω / km	26,0	
Electrical resistance of cores insulation at a temperature of 20 °C for 1 km, not less, MΩ	20	
Electrical resistance of cores insulation at a temperature of 70 °C for 1 km, not less, MΩ	0,0110	

OPERATION PARAMETERS

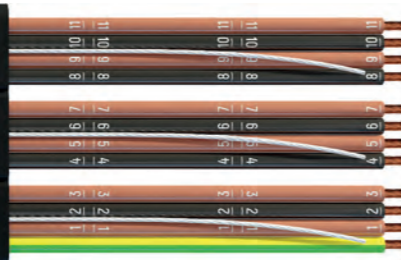
Minimal installation bending radius, mm	50	
Operation temperature range, °C	-10...+50	
Maximum permissible heating temperature of the conductive core, °C	70	
Service life, not less than years	12	
Construction length, not less, m	450	
<i>Note: when supplied in coils, maximum cable length not more than 100m (in individual carton package or on pallet, depending on customer requirement)</i>		
The distance between vertically hanging cable branches when bended, not more, m	0,7	
Number of cycles «down-up», not less	5 000 000	
Twisting not more, degree	8	
Maximum length of free hanging cables, not more, m	with metal reinforcing elements	with synthetic reinforcing elements
	80	100
Elevator speed, not more, m/sec	4	
Fire hazard class according to GOST 31565	П3.8.2.2.2	

CABLE BRAND

KPLng(A)-HF

Technical specifications TU 3548-005-17512508-2004

ООО ФИРМА ПОДИЙ КПЛнг(А)-HF



NUMBER AND NOMINAL SECTION OF MAIN CORES, mm ²	CABLE DIMENSIONS H mm x W mm	ESTIMATED WEIGHT OF 1 km OF CABLE, kg	Flat elevator cable with copper conductors with insulation and cover of halogen free polymer compounds
6x0,75	4,2x17,6	150,04	
12x0,75	4,2x33,0	285,20	
16x0,75	4,2x49,0	387,35	
18x0,75	4,2x49,5	427,71	
20x0,75	4,2x55,0	475,33	
24x0,75	4,2x66,5	573,73	

OPERATION VOLTAGE

Up to 300/500V
inclusively of alternate current with nominal frequency 50 Hz

CLIMATIC MODIFICATION

NF and T, placement categories 3 and 4 in accordance with GOST 15150-69

ELECTRICAL PARAMETERS

Nominal cores section, mm ²	0,75
Electrical resistance of the conductor core at a temperature of 20 °C, not more, Ω / km	26,0
Electrical resistance of cores insulation at a temperature of 20 °C for 1 km, not less, MΩ	20
Electrical resistance of cores insulation at a temperature of 70 °C for 1 km, not less, MΩ	0,0110

OPERATION PARAMETERS

Minimal installation bending radius, mm	50	
Operation temperature range, °C	-10...+50	
Maximum permissible heating temperature of the conductive core, °C	70	
Service life, not less than years	12	
Construction length, not less, m	450	
<i>Note: when supplied in coils, maximum cable length not more than 100m (in individual carton package or on pallet, depending on customer requirement)</i>		
The distance between vertically hanging cable branches when bended, not more, m	0,7	
Number of cycles «down-up», not less	5 000 000	
Twisting not more, degree	8	
Maximum length of free hanging cables, not more, m	with metal reinforcing elements	80
	with synthetic reinforcing elements	100
Elevator speed, not more, m/sec	4	
Fire hazard class according to GOST 31565	П16.8.1.2.1	

CABLE BRAND

KPLUng(C)-LS

Technical specifications TU 3548-005-17512508-2004

ООО ФИРМА ПОДИЙ КПЛУнг(С)-LS



NUMBER AND NOMINAL SECTION OF MAIN CORES, mm ² NUMBER AND DIAMETER OF REINFORCING ELEMENTS, mm	CABLE DIMENSIONS H mm x W mm	ESTIMATED WEIGHT OF 1 km OF CABLE, kg	Flat elevator cable with reinforcing elements, with copper conductors insulated with polyvinylchloride compound, with reduced fire hazard and reduced smoke and gas emission
12x0,75+(2x1,1)	4,2x39,5	349,06	
16x0,75+(2x1,1)	4,2x51,5	454,08	
18x0,75+(2x1,1)	4,2x55,0	488,81	
20x0,75+(2x1,1)	4,2x61,5	544,95	
24x0,75+(2x1,1)	4,2x72,0	638,74	

OPERATION VOLTAGE

Up to 300/500V
inclusively of alternate current with nominal frequency 50 Hz

CLIMATIC MODIFICATION

NF and T, placement categories 3 and 4 in accordance with GOST 15150-69

ELECTRICAL PARAMETERS

Nominal cores section, mm ²	0,75
Electrical resistance of the conductor core at a temperature of 20 °C, not more, Ω / km	26,0
Electrical resistance of cores insulation at a temperature of 20 °C for 1 km, not less, MΩ	20
Electrical resistance of cores insulation at a temperature of 70 °C for 1 km, not less, MΩ	0,0110

OPERATION PARAMETERS

Minimal installation bending radius, mm	50	
Operation temperature range, °C	-10...+50	
Maximum permissible heating temperature of the conductive core, °C	70	
Service life, not less than years	12	
Construction length, not less, m	450	
<i>Note: when supplied in coils, maximum cable length not more than 100m (in individual carton package or on pallet, depending on customer requirement)</i>		
The distance between vertically hanging cable branches when bended, not more, m	0,7	
Number of cycles «down-up», not less	5 000 000	
Twisting not more, degree	8	
Maximum length of free hanging cables, not more, m	with metal reinforcing elements	80
	with synthetic reinforcing elements	100
Elevator speed, not more, m/sec	4	
Fire hazard class according to GOST 31565	П3.8.2.2.2	

CABLE BRAND | KPLUng(A)-HF

Technical specifications TU 3548-005-17512508-2004

ООО ФИРМА ПОДИЙ КПУнг(A)-HF



NUMBER AND NOMINAL SECTION OF MAIN CORES, mm ² NUMBER AND DIAMETER OF REINFORCING ELEMENTS, mm	CABLE DIMENSIONS H mm x W mm	ESTIMATED WEIGHT OF 1 km OF CABLE, kg
12x0,75	4,2x39,5	337,89
16x0,75	4,2x51,5	439,44
18x0,75	4,2x55,0	473,41
20x0,75	4,2x61,5	527,62
24x0,75	4,2x72,0	619,13

Flat elevator cable with copper conductors with insulation and cover of halogen free polymer compounds

OPERATION VOLTAGE	CLIMATIC MODIFICATION
Up to 300/500V inclusively of alternate current with nominal frequency 50 Hz	NF and T, placement categories 3 and 4 in accordance with GOST 15150-69

ELECTRICAL PARAMETERS

Nominal cores section, mm ²	0,75
Electrical resistance of the conductor core at a temperature of 20 °C, not more, Ω / km	26,0
Electrical resistance of cores insulation at a temperature of 20 °C for 1 km, not less, MΩ	20
Electrical resistance of cores insulation at a temperature of 70 °C for 1 km, not less, MΩ	0,0110

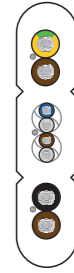
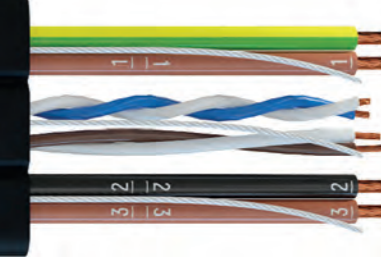
OPERATION PARAMETERS

Minimal installation bending radius, mm	50	
Operation temperature range, °C	-10...+50	
Maximum permissible heating temperature of the conductive core, °C	70	
Service life, not less than years	12	
Construction length, not less, m	450	
<i>Note: when supplied in coils, maximum cable length not more than 100m (in individual carton package or on pallet, depending on customer requirement)</i>		
The distance between vertically hanging cable branches when bended, not more, m	0,7	
Number of cycles «down-up», not less	5 000 000	
Twisting not more, degree	8	
Maximum length of free hanging cables, not more, m	with metal reinforcing elements	80
	with synthetic reinforcing elements	100
Elevator speed, not more, m/sec	4	
Fire hazard class according to GOST 31565	П16.8.1.2.1	

CABLE BRAND | KPLKng(C)-LS

Technical specifications TU 3548-005-17512508-2004

ООО ФИРМА ПОДИЙ КПКнг(C)-LS



NUMBER AND NOMINAL SECTION OF MAIN CORES AND DATA ELEMENTS, mm ²	CABLE DIMENSIONS H mm x W mm	ESTIMATED WEIGHT OF 1 km OF CABLE, kg
24x0,75+1x1,50+(2x0,50)э	5,7x71,0	706,5
16x0,75+4x1,0+2x(4x0,25) +(2x0,25)э	5,0x67,5	572,0
18x0,75+(2x0,50)э	5,7x53,0	515,0
16x0,75+2э x 0,50	4,2x49,5	422,4
14x0,75+2э x 0,50	4,2x45,0	374,5
8x0,75+4x(2x0,20)	4,2x33,0	305,3
4x0,75+2x(2x0,25)	4,6x20,4	137,8
4x0,75+2x(2x0,25)э	4,7x20,6	157,6
2x0,75+4x(2x0,20)	4,2x17,6	150,0

Flat combined elevator cable with copper conductors, with main cores insulation and common shell made of polyvinylchloride compound with reduced fire hazard and reduced smoke and gas emission, with insulation of additional cores made of polyvinylchloride compound with reduced fire hazard and reduced smoke and gas emission, ethylene copolymer with propylene or polyethylene

OPERATION VOLTAGE	CLIMATIC MODIFICATION
Up to 300/500V inclusively of alternate current with nominal frequency 50 Hz on main cores and up to 145V inclusively of alternate current on data elements	NF and T, placement categories 3 and 4 in accordance with GOST 15150-69

ELECTRICAL PARAMETERS

MAIN ELEMENTS

Nominal cores section, mm ²	0,75
Electrical resistance of the conductor core at a temperature of 20 °C, not more, Ω / km	26,0
Electrical resistance of cores insulation at a temperature of 20 °C for 1 km, not less, MΩ	20
Electrical resistance of cores insulation at a temperature of 70 °C for 1 km, not less, MΩ	0,0110

DATA ELEMENTS

Data elements, sections, mm ²	0,20	0,25	0,50
Electrical resistance of the conductor core at a temperature of 20 °C, not more, Ω/km	145	77,8	39,0
Electrical resistance of cores insulation at a temperature of 20 °C for 1 km, not less, MΩ	5x10 ³	10 ³	10 ³

OPERATION PARAMETERS

Minimal installation bending radius, mm	50	
Operation temperature range, °C	-10...+50	
Maximum permissible heating temperature of the conductive core, °C	70	
Service life, not less than years	12	
Construction length, not less, m	For cables with signal pairs (2x0,25) and (2x0,50), not less than 450	For cables with signal pairs (2x0,20), not more than 70
<i>Note: when supplied in coils, maximum cable length not more than 100m (in individual carton package or on pallet, depending on customer requirement)</i>		
The distance between vertically hanging cable branches when bended, not more, m	0,7	
Number of cycles «down-up», not less	5 000 000	
Twisting not more, degree	8	
Maximum length of free hanging cables, not more, m	50	
Elevator speed, not more, m/sec	4	
Fire hazard class according to GOST 31565	П3.8.2.2.2	

CABLE BRAND | KPLKng(A)-HF

Technical specifications TU 3548-005-17512508-2004

CABLE BRAND | KPLKUng(C)-LS

Technical specifications TU 3548-005-17512508-2004

ООО ФИРМА ПОДИЙ КПКнг(A)-HF



NUMBER AND NOMINAL SECTION OF MAIN CORES AND DATA ELEMENTS, mm ²	CABLE DIMENSIONS H mm x W mm	ESTIMATED WEIGHT OF 1 km OF CABLE, kg	Flat combined elevator cable with copper conductors, with main cores insulation and common shell made of halogen free polymer compound, with insulation of additional cores made of halogen free polymer compounds, ethylene copolymer with propylene or polyethylene
24x0,75+1x1,50+(2x0,50)э	5,7x71,0	691,0	
16x0,75+4x1,0+2x(4x0,25) +(2x0,25)э	5,0x67,5	638,1	
18x0,75+(2x0,50)э	5,7x53,0	555,9	
16x0,75+2э x 0,50	4,2x49,5	410,2	
14x0,75+2э x 0,50	4,2x45,0	363,8	
8x0,75+4x(2x0,20)	4,2x33,0	285,4	
4x0,75+2x(2x0,25)	4,6x20,4	148,2	
4x0,75+2x(2x0,25)э	4,7x20,6	168,2	
2x0,75+4x(2x0,20)	4,2x17,6	138,1	

OPERATION VOLTAGE	CLIMATIC MODIFICATION
Up to 300/500V inclusively of alternate current with nominal frequency 50 Hz on main cores and up to 145V inclusively of alternate current on data elements	NF and T, placement categories 3 and 4 in accordance with GOST 15150-69

ELECTRICAL PARAMETERS

MAIN ELEMENTS

Nominal cores section, mm ²	0,75
Electrical resistance of the conductor core at a temperature of 20 °C, not more, Ω / km	26,0
Electrical resistance of cores insulation at a temperature of 20 °C for 1 km, not less, MΩ	20
Electrical resistance of cores insulation at a temperature of 70 °C for 1 km, not less, MΩ	0,0110

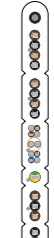
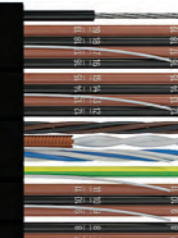
DATA ELEMENTS

Data elements, sections, mm ²	0,20	0,25	0,50
Electrical resistance of the conductor core at a temperature of 20 °C, not more, Ω / km	145	77,8	39,0
Electrical resistance of cores insulation at a temperature of 20 °C for 1 km, not less, MΩ	5x10 ³	10 ³	10 ³

OPERATION PARAMETERS

Minimal installation bending radius, mm	50
Operation temperature range, °C	-10...+50
Maximum permissible heating temperature of the conductive core, °C	70
Service life, not less than years	12
Construction length, not less, m	For cables with signal pairs (2x0,25) and (2x0,50), not less than 450 For cables with signal pairs (2x0,20), not more than 70
<i>Note: when supplied in coils, maximum cable length not more than 100m (in individual carton package or on pallet, depending on customer requirement)</i>	
The distance between vertically hanging cable branches when bended, not more, m	0,7
Number of cycles «down-up», not less	5 000 000
Twisting not more, degree	8
Maximum length of free hanging cables, not more, m	50
Elevator speed, not more, m/sec	4
Fire hazard class according to GOST 31565	П16.8.1.2.1

ООО ФИРМА ПОДИЙ КПКУнг(C)-LS



NUMBER AND NOMINAL SECTION OF MAIN CORES AND DATA ELEMENTS, mm ²	CABLE DIMENSIONS H mm x W mm	ESTIMATED WEIGHT OF 1 km OF CABLE, kg	Flat combined elevator cable with copper conductors, with main cores insulation and common shell made of polyvinylchloride compound with reduced fire hazard and reduced smoke and gas emission, with insulation of additional cores made of polyvinylchloride compound with reduced fire hazard and reduced smoke and gas emission, ethylene copolymer with propylene or polyethylene
16x0,75+4x1,0+2x(4x0,25) +(2x0,25)	5,0x72,0	616,0	

OPERATION VOLTAGE	CLIMATIC MODIFICATION
Up to 300/500V inclusively of alternate current with nominal frequency 50 Hz on main cores and up to 145V inclusively of alternate current on data elements	NF and T, placement categories 3 and 4 in accordance with GOST 15150-69

ELECTRICAL PARAMETERS

MAIN ELEMENTS

Nominal cores section, mm ²	0,75
Electrical resistance of the conductor core at a temperature of 20 °C, not more, Ω / km	26,0
Electrical resistance of cores insulation at a temperature of 20 °C for 1 km, not less, MΩ	20
Электрическое сопротивление изоляции жил при температуре 70 °C на 1 км не менее, МОм	0,0110

DATA ELEMENTS

Data elements, sections, mm ²	0,20	0,25	0,50
Electrical resistance of the conductor core at a temperature of 20 °C, not more, Ω / km	145	77,8	39,0
Electrical resistance of cores insulation at a temperature of 20 °C for 1 km, not less, MΩ	5x10 ³	10 ³	10 ³

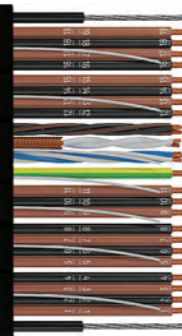
OPERATION PARAMETERS

Minimal installation bending radius, mm	50
Operation temperature range, °C	-10...+50
Maximum permissible heating temperature of the conductive core, °C	70
Service life, not less than years	12
Construction length, not less, m	For cables with signal pairs (2x0,25) and (2x0,50), not less than 450 For cables with signal pairs (2x0,20), not more than 70
<i>Note: when supplied in coils, maximum cable length not more than 100m (in individual carton package or on pallet, depending on customer requirement)</i>	
The distance between vertically hanging cable branches when bended, not more, m	0,7
Number of cycles «down-up», not less	5 000 000
Twisting not more, degree	8
Maximum length of free hanging cables, not more, m	with metal reinforcing elements 80 with synthetic reinforcing elements 100
Elevator speed, not more, m/sec	4
Fire hazard class according to GOST 31565	П3.8.2.2.2

CABLE BRAND **KPLKUnG(A)-HF**

Technical specifications TU 3548-005-17512508-2004

ООО ФИРМА ПОДИЙ КПКУнг(А)-HF



NUMBER AND NOMINAL SECTION OF MAIN CORES AND DATA ELEMENTS, mm ² NUMBER AND DIAMETER OF REINFORCING ELEMENTS, mm	CABLE DIMENSIONS H mm x W mm	ESTIMATED WEIGHT OF 1 km OF CABLE, kg
16x0,75+4x1,0+2x(4x0,25) +(2x0,25)	5,0x72,0	706,3

Flat combined elevator cable with copper conductors, with main cores insulation and common shell made of halogen free polymer compounds, with reinforcing elements, with insulation of additional cores made of halogen free polymer compounds, ethylene copolymer with propylene or polyethylene

OPERATION VOLTAGE	CLIMATIC MODIFICATION
Up to 300/500V inclusively of alternate current with nominal frequency 50 Hz on main cores and up to 145V inclusively of alternate current on data elements	NF and T, placement categories 3 and 4 in accordance with GOST 15150-69

ELECTRICAL PARAMETERS

MAIN ELEMENTS

Nominal cores section, mm ²	0,75
Electrical resistance of the conductor core at a temperature of 20 °C, not more, Ω / km	26,0
Electrical resistance of cores insulation at a temperature of 20 °C for 1 km, not less, MΩ	20
Electrical resistance of cores insulation at a temperature of 70 °C for 1 km, not less, MΩ	0,0110

DATA ELEMENTS

Data elements, sections, mm ²	0,20	0,25	0,50
Electrical resistance of the conductor core at a temperature of 20 °C, not more, Ω / km	145	77,8	39,0
Electrical resistance of cores insulation at a temperature of 20 °C for 1 km, not less, MΩ	5x10 ³	10 ³	10 ³

OPERATION PARAMETERS

Minimal installation bending radius, mm	50
Operation temperature range, °C	-10...+50
Maximum permissible heating temperature of the conductive core, °C	70
Service life, not less than years	12
Construction length, not less, m	For cables with signal pairs (2x0,25) and (2x0,50), not less than 450 For cables with signal pairs (2x0,20), not more than 70
<i>Note: when supplied in coils, maximum cable length not more than 100m (in individual carton package or on pallet, depending on customer requirement)</i>	
The distance between vertically hanging cable branches when bended, not more, m	0,7
Number of cycles «down-up», not less	5 000 000
Twisting not more, degree	8
Maximum length of free hanging cables, not more, m	with metal reinforcing elements 80
	with synthetic reinforcing elements 100
Elevator speed, not more, m/sec	4
Fire hazard class according to GOST 31565	П16.8.1.2.1

HALOGEN FREE FLAT COMBINED ELEVATOR CABLE

Technical specifications TU 3551-004-17512508-2001

WIRE BRAND **PUVP**

ООО ФИРМА ПОДИЙ ПУВП



Flat installation wire, with insulation made of polyvinylchloride compound with copper single-wire conductors

SECTION 0,35	NUMBER AND SECTION OF CORES	THICKNESS X WIDTH mm	ESTIMATED WEIGHT OF 1 km OF WIRE, kg
	10x0,35	1,5x15,0	70,4
12x0,35	1,5x18,0	84,5	
16x0,35	1,5x24,0	112,6	
18x0,35	1,5x27,0	126,8	
20x0,35	1,5x30,0	140,9	
24x0,35	1,5x36,0	169,0	
26x0,35	1,5x39,0	183,1	
30x0,35	1,5x45,0	211,3	
34x0,35	1,5x51,0	239,5	
40x0,35	1,5x60,0	281,7	
48x0,35	1,5x72,0	338,1	

SECTION 0,75	NUMBER AND SECTION OF CORES	THICKNESS X WIDTH mm	ESTIMATED WEIGHT OF 1 km OF WIRE, kg
	4x0,75	2,3x9,2	50,4
5x0,75	2,3x11,5	63,0	
6x0,75	2,3x13,8	75,6	
8x0,75	2,3x18,4	100,8	
10x0,75	2,3x23,0	126,4	
12x0,75	2,3x27,6	151,1	
16x0,75	2,3x36,8	201,5	
18x0,75	2,3x41,4	226,7	
20x0,75	2,3x46,0	251,9	
22x0,75	2,3x50,6	277,2	
24x0,75	2,3x55,2	302,3	
26x0,75	2,3x59,8	327,5	
30x0,75	2,3x69,0	377,9	
32x0,75	2,3x73,6	403,1	

SECTION 0,50	NUMBER AND SECTION OF CORES	THICKNESS X WIDTH mm	ESTIMATED WEIGHT OF 1 km OF WIRE, kg
	2x0,50	2,1x4,2	18,3
3x0,50	2,1x6,3	27,4	
4x0,50	2,1x8,4	38,1	
5x0,50	2,1x10,5	47,6	
6x0,50	2,1x12,6	60,8	
7x0,50	2,1x14,7	70,3	
8x0,50	2,1x16,8	76,1	
10x0,50	2,1x21,0	95,1	
12x0,50	2,1x25,2	114,1	
14x0,50	2,1x29,4	133,2	
15x0,50	2,1x31,5	142,7	
16x0,50	2,1x33,6	152,2	
18x0,50	2,1x37,8	184,5	
20x0,50	2,1x42,0	190,2	
22x0,50	2,1x46,2	209,2	
24x0,50	2,1x50,4	228,3	
26x0,50	2,1x54,6	247,3	
30x0,50	2,1x63,0	285,3	
34x0,50	2,1x71,4	323,4	
40x0,50	2,1x84,0	380,7	

SECTION 1,0	NUMBER AND SECTION OF CORES	THICKNESS X WIDTH mm	ESTIMATED WEIGHT OF 1 km OF WIRE, kg
	6x1,0	2,5x15,0	144,5
12x1,0	2,5x30,0	289,1	
16x1,0	2,5x40,0	385,5	
18x1,0	2,5x45,0	433,6	
20x1,0	2,5x50,0	481,8	
24x1,0	2,5x60,0	578,1	
26x1,0	2,5x65,0	626,3	
30x1,0	2,5x75,0	722,7	

OPERATION VOLTAGE	CLIMATIC MODIFICATION
Up to 450V frequency 50Hz	NF and T, placement categories 3 and 4 in accordance with GOST 15150-69

ELECTRICAL PARAMETERS

	Nominal cores section, mm ² 0,50; 0,75	
	0,50	0,75
Electrical resistance of the conductor core at a temperature of 20 °C, not more, Ω / km	36,0	24,5
Electrical resistance of cores insulation at a temperature of 20 °C for 1 km, not less, MΩ	20	
Electrical resistance of cores insulation at a temperature of 70 °C for 1 km, not less, MΩ	1,1x10 ⁴	

OPERATION PARAMETERS

Maximum assembly bend angle, degree	50
Operation temperature range, °C	-40...+70
Service life, not less than years	12
Construction length, not less, m	450
<i>Note: when supplied in coils, maximum wire length not more than 150m (in individual carton package or on pallet, depending on customer requirement)</i>	
The wires must not propagate flame with a single laying	
The wires must be separated along the splitter without breaking the integrity of the insulation	
Fire hazard class according to GOST 31565	01.8.2.5.4

FLAT INSTALLATION WIRES

Technical specifications TU 3551-004-17512508-2001

WIRE BRAND

PUVP-1

ООО ФИРМА ПОДИЙ ПУВП-1

Flat installation wire, with insulation made of polyvinylchloride compound with copper tinned single-wire conductors

SECTION 0,35	NUMBER AND SECTION OF CORES	THICKNESS X WIDTH mm	ESTIMATED WEIGHT OF 1 km OF WIRE, kg
	10x0,35	1,5x15,0	70,4
	12x0,35	1,5x18,0	84,5
	16x0,35	1,5x24,0	112,6
	18x0,35	1,5x27,0	126,8
	20x0,35	1,5x30,0	140,9
	24x0,35	1,5x36,0	169,0
	26x0,35	1,5x39,0	183,1
	30x0,35	1,5x45,0	211,3
	34x0,35	1,5x51,0	239,5
40x0,35	1,5x60,0	281,7	
48x0,35	1,5x72,0	338,1	

SECTION 0,75	NUMBER AND SECTION OF CORES	THICKNESS X WIDTH mm	ESTIMATED WEIGHT OF 1 km OF WIRE, kg
	4x0,75	2,3x9,2	50,4
	5x0,75	2,3x11,5	63,0
	6x0,75	2,3x13,8	75,6
	8x0,75	2,3x18,4	100,8
	10x0,75	2,3x23,0	126,4
	12x0,75	2,3x27,6	151,1
	16x0,75	2,3x36,8	201,5
	18x0,75	2,3x41,4	226,7
	20x0,75	2,3x46,0	251,9
	22x0,75	2,3x50,6	277,2
	24x0,75	2,3x55,2	302,3
	26x0,75	2,3x59,8	327,5
	30x0,75	2,3x69,0	377,9
32x0,75	2,3x73,6	403,1	

SECTION 0,50	NUMBER AND SECTION OF CORES	THICKNESS X WIDTH mm	ESTIMATED WEIGHT OF 1 km OF WIRE, kg
	2x0,50	2,1x4,2	18,3
	3x0,50	2,1x6,3	27,4
	4x0,50	2,1x8,4	38,1
	5x0,50	2,1x10,5	47,6
	6x0,50	2,1x12,6	60,8
	7x0,50	2,1x14,7	70,3
	8x0,50	2,1x16,8	76,1
	10x0,50	2,1x21,0	95,1
	12x0,50	2,1x25,2	114,1
	14x0,50	2,1x29,4	133,2
	15x0,50	2,1x31,5	142,7
	16x0,50	2,1x33,6	152,2
	18x0,50	2,1x37,8	184,5
	20x0,50	2,1x42,0	190,2
	22x0,50	2,1x46,2	209,2
	24x0,50	2,1x50,4	228,3
	26x0,50	2,1x54,6	247,3
30x0,50	2,1x63,0	285,3	
34x0,50	2,1x71,4	323,4	
40x0,50	2,1x84,0	380,7	

SECTION 1,0	NUMBER AND SECTION OF CORES	THICKNESS X WIDTH mm	ESTIMATED WEIGHT OF 1 km OF WIRE, kg
	6x1,0	2,5x15,0	144,5
	12x1,0	2,5x30,0	289,1
	16x1,0	2,5x40,0	385,5
	18x1,0	2,5x45,0	433,6
	20x1,0	2,5x50,0	481,8
	24x1,0	2,5x60,0	578,1
	26x1,0	2,5x65,0	626,3
	30x1,0	2,5x75,0	722,7

OPERATION VOLTAGE

Up to 450V frequency 50Hz

CLIMATIC MODIFICATION

NF and T, placement categories 3 and 4 in accordance with GOST 15150-69

ELECTRICAL PARAMETERS

Nominal cores section, mm² 0,50; 0,75

Electrical resistance of the conductor core at a temperature of 20 °C, not more, Ω / km	0,50	0,75
		36,7
Electrical resistance of cores insulation at a temperature of 20 °C for 1 km, not less, MΩ	20	
Electrical resistance of cores insulation at a temperature of 70 °C for 1 km, not less, MΩ	1,1x10 ⁴	

OPERATION PARAMETERS

Maximum assembly bend angle, degree	50
Operation temperature range, °C	-40...+70
Service life, not less than years	12
Construction length, not less, m	450

Note: when supplied in coils, maximum wire length not more than 150m (in individual carton package or on pallet, depending on customer requirement)

The wires must not propagate flame with a single laying

The wires must be separated along the splitter without breaking the integrity of the insulation

Fire hazard class according to GOST 31565 01.8.2.5.4

FLAT INSTALLATION WIRES

Technical specifications TU 3551-004-17512508-2001

WIRE BRAND

PVPUG

ООО ФИРМА ПОДИЙ ПУВГ

Flat installation wire, with insulation made of polyvinylchloride compound with copper multi-wire conductors

SECTION 0,35	NUMBER AND SECTION OF CORES	THICKNESS X WIDTH mm	ESTIMATED WEIGHT OF 1 km OF WIRE, kg
	10x0,35	1,5x15,0	70,4
	12x0,35	1,5x18,0	84,5
	16x0,35	1,5x24,0	112,6
	18x0,35	1,5x27,0	126,8
	20x0,35	1,5x30,0	140,9
	24x0,35	1,5x36,0	169,0
	26x0,35	1,5x39,0	183,1
	30x0,35	1,5x45,0	211,3
	34x0,35	1,5x51,0	239,5
40x0,35	1,5x60,0	281,7	
48x0,35	1,5x72,0	338,1	

SECTION 0,75	NUMBER AND SECTION OF CORES	THICKNESS X WIDTH mm	ESTIMATED WEIGHT OF 1 km OF WIRE, kg
	4x0,75	2,3x9,2	50,4
	5x0,75	2,3x11,5	63,0
	6x0,75	2,3x13,8	75,6
	8x0,75	2,3x18,4	100,8
	10x0,75	2,3x23,0	126,4
	12x0,75	2,3x27,6	151,1
	16x0,75	2,3x36,8	201,5
	18x0,75	2,3x41,4	226,7
	20x0,75	2,3x46,0	251,9
	22x0,75	2,3x50,6	277,2
	24x0,75	2,3x55,2	302,3
	26x0,75	2,3x59,8	327,5
	30x0,75	2,3x69,0	377,9
32x0,75	2,3x73,6	403,1	

SECTION 0,50	NUMBER AND SECTION OF CORES	THICKNESS X WIDTH mm	ESTIMATED WEIGHT OF 1 km OF WIRE, kg
	2x0,50	2,1x4,2	18,3
	3x0,50	2,1x6,3	27,4
	4x0,50	2,1x8,4	38,1
	5x0,50	2,1x10,5	47,6
	6x0,50	2,1x12,6	60,8
	7x0,50	2,1x14,7	70,3
	8x0,50	2,1x16,8	76,1
	10x0,50	2,1x21,0	95,1
	12x0,50	2,1x25,2	114,1
	14x0,50	2,1x29,4	133,2
	15x0,50	2,1x31,5	142,7
	16x0,50	2,1x33,6	152,2
	18x0,50	2,1x37,8	184,5
	20x0,50	2,1x42,0	190,2
	22x0,50	2,1x46,2	209,2
	24x0,50	2,1x50,4	228,3
	26x0,50	2,1x54,6	247,3
30x0,50	2,1x63,0	285,3	
34x0,50	2,1x71,4	323,4	
40x0,50	2,1x84,0	380,7	

SECTION 1,0	NUMBER AND SECTION OF CORES	THICKNESS X WIDTH mm	ESTIMATED WEIGHT OF 1 km OF WIRE, kg
	6x1,0	2,5x15,0	144,5
	12x1,0	2,5x30,0	289,1
	16x1,0	2,5x40,0	385,5
	18x1,0	2,5x45,0	433,6
	20x1,0	2,5x50,0	481,8
	24x1,0	2,5x60,0	578,1
	26x1,0	2,5x65,0	626,3
	30x1,0	2,5x75,0	722,7

OPERATION VOLTAGE

Up to 450V frequency 50Hz

CLIMATIC MODIFICATION

NF and T, placement categories 3 and 4 in accordance with GOST 15150-69

ELECTRICAL PARAMETERS

Nominal cores section, mm² 0,50; 0,75

Electrical resistance of the conductor core at a temperature of 20 °C, not more, Ω / km	0,50	0,75
		39,6
Electrical resistance of cores insulation at a temperature of 20 °C for 1 km, not less, MΩ	20	
Electrical resistance of cores insulation at a temperature of 70 °C for 1 km, not less, MΩ	1,1x10 ⁴	

OPERATION PARAMETERS

Maximum assembly bend angle, degree	50
Operation temperature range, °C	-40...+70
Service life, not less than years	12
Construction length, not less, m	450

Note: when supplied in coils, maximum wire length not more than 150m (in individual carton package or on pallet, depending on customer requirement)

The wires must not propagate flame with a single laying

The wires must be separated along the splitter without breaking the integrity of the insulation

Fire hazard class according to GOST 31565 01.8.2.5.4

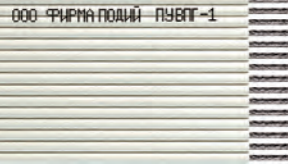
FLAT INSTALLATION WIRES

Technical specifications TU 3551-004-17512508-2001

WIRE BRAND

PUVPG-1

Flat installation wire, with insulation made of polyvinylchloride compound with copper tinned multi-wire conductors



SECTION 0,35

NUMBER AND SECTION OF CORES	THICKNESS X WIDTH mm	ESTIMATED WEIGHT OF 1 km OF WIRE, kg
10x0,35	1,5x15,0	70,4
12x0,35	1,5x18,0	84,5
16x0,35	1,5x24,0	112,6
18x0,35	1,5x27,0	126,8
20x0,35	1,5x30,0	140,9
24x0,35	1,5x36,0	169,0
26x0,35	1,5x39,0	183,1
30x0,35	1,5x45,0	211,3
34x0,35	1,5x51,0	239,5
40x0,35	1,5x60,0	281,7
48x0,35	1,5x72,0	338,1

SECTION 0,75

NUMBER AND SECTION OF CORES	THICKNESS X WIDTH mm	ESTIMATED WEIGHT OF 1 km OF WIRE, kg
4x0,75	2,3x9,2	50,4
5x0,75	2,3x11,5	63,0
6x0,75	2,3x13,8	75,6
8x0,75	2,3x18,4	100,8
10x0,75	2,3x23,0	126,4
12x0,75	2,3x27,6	151,1
16x0,75	2,3x36,8	201,5
18x0,75	2,3x41,4	226,7
20x0,75	2,3x46,0	251,9
22x0,75	2,3x50,6	277,2
24x0,75	2,3x55,2	302,3
26x0,75	2,3x59,8	327,5
30x0,75	2,3x69,0	377,9
32x0,75	2,3x73,6	403,1

SECTION 0,50

NUMBER AND SECTION OF CORES	THICKNESS X WIDTH mm	ESTIMATED WEIGHT OF 1 km OF WIRE, kg
2x0,50	2,1x4,2	18,3
3x0,50	2,1x6,3	27,4
4x0,50	2,1x8,4	38,1
5x0,50	2,1x10,5	47,6
6x0,50	2,1x12,6	60,8
7x0,50	2,1x14,7	70,3
8x0,50	2,1x16,8	76,1
10x0,50	2,1x21,0	95,1
12x0,50	2,1x25,2	114,1
14x0,50	2,1x29,4	133,2
15x0,50	2,1x31,5	142,7
16x0,50	2,1x33,6	152,2
18x0,50	2,1x37,8	184,5
20x0,50	2,1x42,0	190,2
22x0,50	2,1x46,2	209,2
24x0,50	2,1x50,4	228,3
26x0,50	2,1x54,6	247,3
30x0,50	2,1x63,0	285,3
34x0,50	2,1x71,4	323,4
40x0,50	2,1x84,0	380,7

SECTION 1,0

NUMBER AND SECTION OF CORES	THICKNESS X WIDTH mm	ESTIMATED WEIGHT OF 1 km OF WIRE, kg
6x1,0	2,5x15,0	144,5
12x1,0	2,5x30,0	289,1
16x1,0	2,5x40,0	385,5
18x1,0	2,5x45,0	433,6
20x1,0	2,5x50,0	481,8
24x1,0	2,5x60,0	578,1
26x1,0	2,5x65,0	626,3
30x1,0	2,5x75,0	722,7

OPERATION VOLTAGE

Up to 450V frequency 50Hz

CLIMATIC MODIFICATION

NF and T, placement categories 3 and 4 in accordance with GOST 15150-69

ELECTRICAL PARAMETERS

Nominal cores section, mm² 0,50; 0,75

Electrical resistance of the conductor core at a temperature of 20 °C, not more, Ω / km	0,50	0,75
		40,7
Electrical resistance of cores insulation at a temperature of 20 °C for 1 km, not less, MΩ	20	
Electrical resistance of cores insulation at a temperature of 70 °C for 1 km, not less, MΩ	1,1x10 ⁴	

OPERATION PARAMETERS

Maximum assembly bend angle, degree	50
Operation temperature range, °C	-40...+70
Service life, not less than years	12
Construction length, not less, m	450

Note: when supplied in coils, maximum wire length not more than 150m (in individual carton package or on pallet, depending on customer requirement)

The wires must not propagate flame with a single laying

The wires must be separated along the splitter without breaking the integrity of the insulation

Fire hazard class according to GOST 31565 01.8.2.5.4

FLAT INSTALLATION WIRES

Technical specifications TU 3551-004-17512508-2001

WIRE BRAND

PUVPG ng(C)-LS

Flat installation wire, with insulation made of polyvinylchloride compound with reduced fire hazard and reduced smoke and gas emission, with copper tinned multi-wire conductors



SECTION 0,35

NUMBER AND SECTION OF CORES	THICKNESS X WIDTH mm	ESTIMATED WEIGHT OF 1 km OF WIRE, kg
10x0,35	1,5x15,0	70,4
12x0,35	1,5x18,0	84,5
16x0,35	1,5x24,0	112,6
18x0,35	1,5x27,0	126,8
20x0,35	1,5x30,0	140,9
24x0,35	1,5x36,0	169,0
26x0,35	1,5x39,0	183,1
30x0,35	1,5x45,0	211,3
34x0,35	1,5x51,0	239,5
40x0,35	1,5x60,0	281,7
48x0,35	1,5x72,0	338,1

SECTION 0,75

NUMBER AND SECTION OF CORES	THICKNESS X WIDTH mm	ESTIMATED WEIGHT OF 1 km OF WIRE, kg
4x0,75	2,3x9,2	50,4
5x0,75	2,3x11,5	63,0
6x0,75	2,3x13,8	75,6
8x0,75	2,3x18,4	100,8
10x0,75	2,3x23,0	126,4
12x0,75	2,3x27,6	151,1
16x0,75	2,3x36,8	201,5
18x0,75	2,3x41,4	226,7
20x0,75	2,3x46,0	251,9
22x0,75	2,3x50,6	277,2
24x0,75	2,3x55,2	302,3
26x0,75	2,3x59,8	327,5
30x0,75	2,3x69,0	377,9
32x0,75	2,3x73,6	403,1

SECTION 0,50

NUMBER AND SECTION OF CORES	THICKNESS X WIDTH mm	ESTIMATED WEIGHT OF 1 km OF WIRE, kg
2x0,50	2,1x4,2	18,3
3x0,50	2,1x6,3	27,4
4x0,50	2,1x8,4	38,1
5x0,50	2,1x10,5	47,6
6x0,50	2,1x12,6	60,8
7x0,50	2,1x14,7	70,3
8x0,50	2,1x16,8	76,1
10x0,50	2,1x21,0	95,1
12x0,50	2,1x25,2	114,1
14x0,50	2,1x29,4	133,2
15x0,50	2,1x31,5	142,7
16x0,50	2,1x33,6	152,2
18x0,50	2,1x37,8	184,5
20x0,50	2,1x42,0	190,2
22x0,50	2,1x46,2	209,2
24x0,50	2,1x50,4	228,3
26x0,50	2,1x54,6	247,3
30x0,50	2,1x63,0	285,3
34x0,50	2,1x71,4	323,4
40x0,50	2,1x84,0	380,7

SECTION 1,0

NUMBER AND SECTION OF CORES	THICKNESS X WIDTH mm	ESTIMATED WEIGHT OF 1 km OF WIRE, kg
6x1,0	2,5x15,0	144,5
12x1,0	2,5x30,0	289,1
16x1,0	2,5x40,0	385,5
18x1,0	2,5x45,0	433,6
20x1,0	2,5x50,0	481,8
24x1,0	2,5x60,0	578,1
26x1,0	2,5x65,0	626,3
30x1,0	2,5x75,0	722,7

OPERATION VOLTAGE

Up to 450V frequency 50Hz

CLIMATIC MODIFICATION

NF and T, placement categories 3 and 4 in accordance with GOST 15150-69

ELECTRICAL PARAMETERS

Nominal cores section, mm² 0,50; 0,75

Electrical resistance of the conductor core at a temperature of 20 °C, not more, Ω / km	0,50	0,75
		39,6
Electrical resistance of cores insulation at a temperature of 20 °C for 1 km, not less, MΩ	20	
Electrical resistance of cores insulation at a temperature of 70 °C for 1 km, not less, MΩ	1,1x10 ⁴	

OPERATION PARAMETERS

Maximum assembly bend angle, degree	50
Operation temperature range, °C	-40...+70
Service life, not less than years	12
Construction length, not less, m	450

Note: when supplied in coils, maximum wire length not more than 150m (in individual carton package or on pallet, depending on customer requirement)

The wires must not propagate flame with a single laying

The wires must be separated along the splitter without breaking the integrity of the insulation

Fire hazard class according to GOST 31565 П3.8.2.2.2

FLAME-RESISTANT FLAT INSTALLATION WIRES

Technical specifications TU 3551-004-17512508-2001

WIRE BRAND

PUVPGng(C)-LS-T

Flat installation wire in tropical version with copper single-wire tinned cores. With insulation made of polyvinylchloride compound with reduced fire hazard and reduced smoke and gas emission



SECTION 0,35

NUMBER AND SECTION OF CORES	THICKNESS X WIDTH mm	ESTIMATED WEIGHT OF 1 km OF WIRE, kg
10x0,35	1,5x15,0	70,4
12x0,35	1,5x18,0	84,5
16x0,35	1,5x24,0	112,6
18x0,35	1,5x27,0	126,8
20x0,35	1,5x30,0	140,9
24x0,35	1,5x36,0	169,0
26x0,35	1,5x39,0	183,1
30x0,35	1,5x45,0	211,3
34x0,35	1,5x51,0	239,5
40x0,35	1,5x60,0	281,7
48x0,35	1,5x72,0	338,1

SECTION 0,75

NUMBER AND SECTION OF CORES	THICKNESS X WIDTH mm	ESTIMATED WEIGHT OF 1 km OF WIRE, kg
4x0,75	2,3x9,2	50,4
5x0,75	2,3x11,5	63,0
6x0,75	2,3x13,8	75,6
8x0,75	2,3x18,4	100,8
10x0,75	2,3x23,0	126,4
12x0,75	2,3x27,6	151,1
16x0,75	2,3x36,8	201,5
18x0,75	2,3x41,4	226,7
20x0,75	2,3x46,0	251,9
22x0,75	2,3x50,6	277,2
24x0,75	2,3x55,2	302,3
26x0,75	2,3x59,8	327,5
30x0,75	2,3x69,0	377,9
32x0,75	2,3x73,6	403,1

SECTION 0,50

NUMBER AND SECTION OF CORES	THICKNESS X WIDTH mm	ESTIMATED WEIGHT OF 1 km OF WIRE, kg
2x0,50	2,1x4,2	18,3
3x0,50	2,1x6,3	27,4
4x0,50	2,1x8,4	38,1
5x0,50	2,1x10,5	47,6
6x0,50	2,1x12,6	60,8
7x0,50	2,1x14,7	70,3
8x0,50	2,1x16,8	76,1
10x0,50	2,1x21,0	95,1
12x0,50	2,1x25,2	114,1
14x0,50	2,1x29,4	133,2
15x0,50	2,1x31,5	142,7
16x0,50	2,1x33,6	152,2
18x0,50	2,1x37,8	184,5
20x0,50	2,1x42,0	190,2
22x0,50	2,1x46,2	209,2
24x0,50	2,1x50,4	228,3
26x0,50	2,1x54,6	247,3
30x0,50	2,1x63,0	285,3
34x0,50	2,1x71,4	323,4
40x0,50	2,1x84,0	380,7

SECTION 1,0

NUMBER AND SECTION OF CORES	THICKNESS X WIDTH mm	ESTIMATED WEIGHT OF 1 km OF WIRE, kg
6x1,0	2,5x15,0	144,5
12x1,0	2,5x30,0	289,1
16x1,0	2,5x40,0	385,5
18x1,0	2,5x45,0	433,6
20x1,0	2,5x50,0	481,8
24x1,0	2,5x60,0	578,1
26x1,0	2,5x65,0	626,3
30x1,0	2,5x75,0	722,7

OPERATION VOLTAGE

Up to 450V frequency 50Hz

CLIMATIC MODIFICATION

NF and T, placement categories 3 and 4 in accordance with GOST 15150-69

ELECTRICAL PARAMETERS

Nominal cores section, mm² 0,50; 0,75

Electrical resistance of the conductor core at a temperature of 20 °C, not more, Ω / km	0,50	0,75
	41,7	25,9

Electrical resistance of cores insulation at a temperature of 20 °C for 1 km, not less, MΩ 20

Electrical resistance of cores insulation at a temperature of 70 °C for 1 km, not less, MΩ 1,1x10⁴

OPERATION PARAMETERS

Maximum assembly bend angle, degree 50

Operation temperature range, °C -40...+70

Service life, not less than years 12

Construction length, not less, m 450

Note: when supplied in coils, maximum wire length not more than 150m (in individual carton package or on pallet, depending on customer requirement)

The wires must not propagate flame with a single laying

The wires must be separated along the splitter without breaking the integrity of the insulation

Fire hazard class according to GOST 31565 ПЗ.8.2.2.2

FLAME-RESISTANT FLAT INSTALLATION WIRES

WIRE BRAND

LSV-2-7

Technical specifications TU 16-705.403-85



Ribbon wire with solid insulation made of polyvinylchloride compound with copper tinned cores

NUMBER AND SECTION OF CORES	DIMENSIONS IN mm	NUMBER AND SECTION OF CORES	DIMENSIONS IN mm
SECTION 0,08	10x0,08*	SECTION 0,12	16x0,12
	16x0,08		20x0,12
	20x0,08		24x0,12
	24x0,08		30x0,12
	26x0,08	SECTION 0,2	16x0,20
	30x0,08		20x0,20
	34x0,08		24x0,20
	40x0,08		30x0,20
48x0,08			
60x0,08			

OPERATION VOLTAGE

Up to 250V frequency 50Hz

CLIMATIC MODIFICATION

B, category of placement 4 in accordance with GOST 15150-69

OPERATION PARAMETERS

Operation temperature range, °C от -40 °C до +60 °C

Service life, not less than years 12

Conductors laying pitch, mm 1,25 or 1,27 (±0,01)

Construction length, not less, m 7

* It is possible to produce a wire with core section of 0,09 mm² instead of 0,08 mm². Possibility of spooling on the cardboard spool with 30,5 meter length.

RIBBON WIRES OF UNIFIED SERIES

WIRE BRAND | LSVT-2-7

Technical specifications TU 16-705.403-85

000 ФИРМА ПОДИЙ ЛСВТ-2-7



Ribbon heat resisted wire with solid insulation made of polyvinylchloride compound with copper tinned cores

NUMBER AND SECTION OF CORES	DIMENSIONS IN mm	NUMBER AND SECTION OF CORES	DIMENSIONS IN mm
SECTION 0,08	10x0,08*	SECTION 0,12	16x0,12
	16x0,08		20x0,12
	20x0,08		24x0,12
	24x0,08		30x0,12
	26x0,08	SECTION 0,2	16x0,20
	30x0,08		20x0,20
	34x0,08		24x0,20
	40x0,08		30x0,20
48x0,08			
60x0,08			

OPERATION VOLTAGE	CLIMATIC MODIFICATION
Up to 250V frequency 50Hz	B, category of placement 4 in accordance with GOST 15150-69

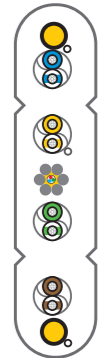
OPERATION PARAMETERS

Operation temperature range, °C	от -40 °C до +105 °C
Service life, not less than years	12
Conductors laying pitch, mm	1,25 or 1,27 (±0,01)
Construction length, not less, m	7

* It is possible to produce a wire with core section of 0,09 mm² instead of 0,08 mm². Possibility of spooling on the cardBoard spool with 30,5 meter length.

RIBBON WIRES OF UNIFIED SERIES

CABLE BRAND | KPLKSU



FLAT COMBINED ELEVATOR CABLE FOR COMMUNICATION SYSTEMS, EQUIPMENT MANAGEMENT AND CCTV ARE PRODUCED ACCORDING TO NORMATIVE AND TECHNICAL DOCUMENTATION OF "FIRMA PODIY" LLC.

NUMBER AND SECTION OF MAIN CORES AND DATA ELEMENTS, mm ² NUMBER AND DIAMETER OF REINFORCING ELEMENTS, mm	CABLE DIMENSIONS H mm x W mm	ESTIMATED WEIGHT OF 1 km OF CABLE, kg	Flat combined communication elevator cable, which includes four parallel twisted pairs (2x0,20) and single-mode optical fiber in armature made of zinc-coated steel wire
4x(2x0,20)+OKMB-01-1A	4,7x20,6	147	

OPERATING TEMPERATURE	CLIMATIC MODIFICATION
from -10 °C to +50 °C	NF, placement categories 3 and 4 in accordance with GOST 15150-69.

ELECTRICAL PARAMETERS OF TWISTE PAIRS

Nominal cores section of twisted pair, mm ²	0,20
Electrical resistance of the conductor core at a temperature of 20 °C, not more, Ω / km	145
Electrical resistance of cores insulation at a temperature of 20 °C for 1 km, not less, MΩ	5000
Operation voltage DC, not more than, V	145
AC frequency, MHz	до 100

ELECTRICAL PARAMETERS OF OPTICAL FIBRE

Operation wavelength, nm	1310... 1625
maximum attenuation in the range of the specified wavelengths not more than, DB/km	0,5

TWISTED PAIRS AND OPTICAL FIBER ARE DESIGNED FOR



video signal transmission



signal transmission in elevator dispatching systems



signal transmission in access control systems



elevator control with distributed system

ADVANTAGES

- high interference immunity
- signal transmission without boosters for long lengths, can be used for elevators with travel length more than 17 floors

FLAT COMBINED ELEVATOR CABLE FOR COMMUNICATION SYSTEMS

WIRE BRAND | PSUE

Technical requirement TT -002-2011

ООО ФИРМА ПОДИЙ ПСУЭ

NUMBER AND NOMINAL SECTION OF MAIN CORES, mm²

MAXIMUM DIAMETER IN mm

Round three-core wire with copper multi-wire cores in insulation made of ethylene copolymer with propylene, twisted in common screen and cover, made of polyvinylchloride compound.

Application field:
In elevator control systems

(3x0,50)э

7,06

OPERATION VOLTAGE

CLIMATIC MODIFICATION

Up to 50 V inclusively of AC current with rated frequency of 50Hz

NF, placement categories 3 - 4 in accordance with GOST 15150-69

ELECTRICAL PARAMETERS

Operation temperature range, °C

от -10 °C до +50 °C

Nominal cores section, mm²

0,50

Electrical resistance of the conductor core at a temperature of 20 °C, not more, Ω / km

40,5

Electrical resistance of cores insulation at a temperature of 20 °C for 1 km, not less, MΩ

106

HEATRESISTANT AUTOMATIVE WIRES WITH INSULATION MADE OF POLYVENILCHLORIDE COMPOUND, HERMITIZED, PETRO-OIL RESISTANT

Technical specifications TU 3548-17512508-009-2017

NOMINAL SECTION, mm²

MAXIMUM DIAMETER IN mm

0,35

1,55

0,50

1,75

0,75

2,05

1,00

2,20

1,50

2,55

WIRE BRAND | PVAz

Wire with flexible copper conductor with polyvinylchloride insulation, single-core, heat resistant, with sealed core.

 NOMINAL SECTION OF
CORES, mm²

0,35

0,50

0,75

1,0

1,5

58,3

39,0

26,0

19,5

13,3

OPERATION VOLTAGE

Up to 48 V

CLIMATIC MODIFICATION

NF, placement categories 3 and 4 in accordance with GOST 15150

ELECTRICAL PARAMETERS

Operation temperature

Up to +120°C in petro-oil environment

Electrical resistance of cores insulation at a temperature of 20 °C for 1 km, not less, MΩ

5,0

Electrical resistance of cores insulation at a temperature of 20 °C for 1 km, not less, MΩ

108

Fire hazard class according to GOST 31565

O1.8.2.5.4.

WIRE BRAND | PVAzI

Technical specifications TU 3548-17512508-009-2017

NOMINAL SECTION, mm²

MAXIMUM DIAMETER IN mm

0,35

1,55

0,50

1,75

0,75

2,05

1,00

2,20

1,50

2,55

 NOMINAL SECTION OF
CORES, mm²

0,35

0,50

0,75

1,0

1,5

60,0

40,1

26,7

20,0

13,7

OPERATION VOLTAGE

Up to 48 V

CLIMATIC MODIFICATION

NF, placement categories 3 and 4 in accordance with GOST 15150

ELECTRICAL PARAMETERS

Operation temperature

Up to +120°C in petro-oil environment

Electrical resistance of cores insulation at a temperature of 20 °C for 1 km, not less, MΩ

5,0

Electrical resistance of cores insulation at a temperature of 20 °C for 1 km, not less, MΩ

108

Fire hazard class according to GOST 31565

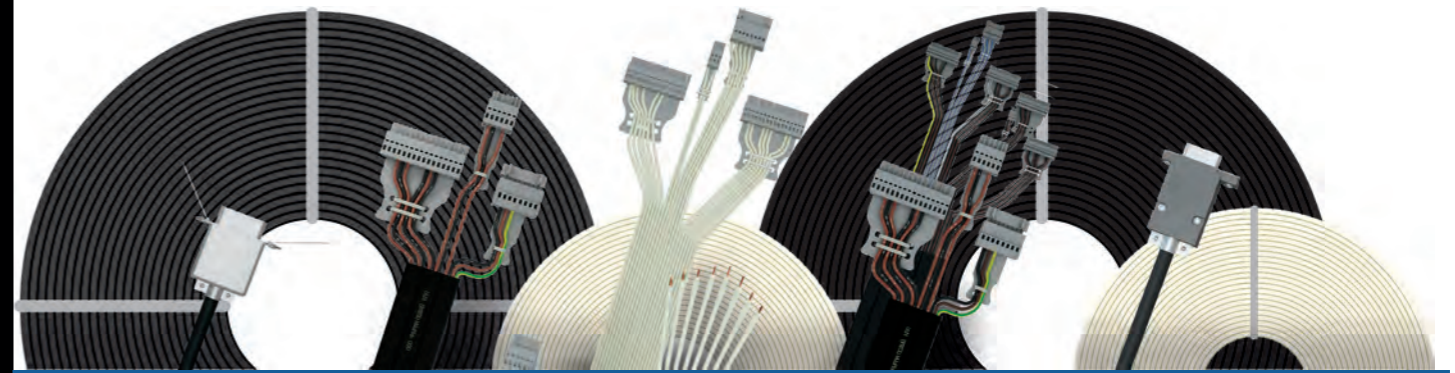
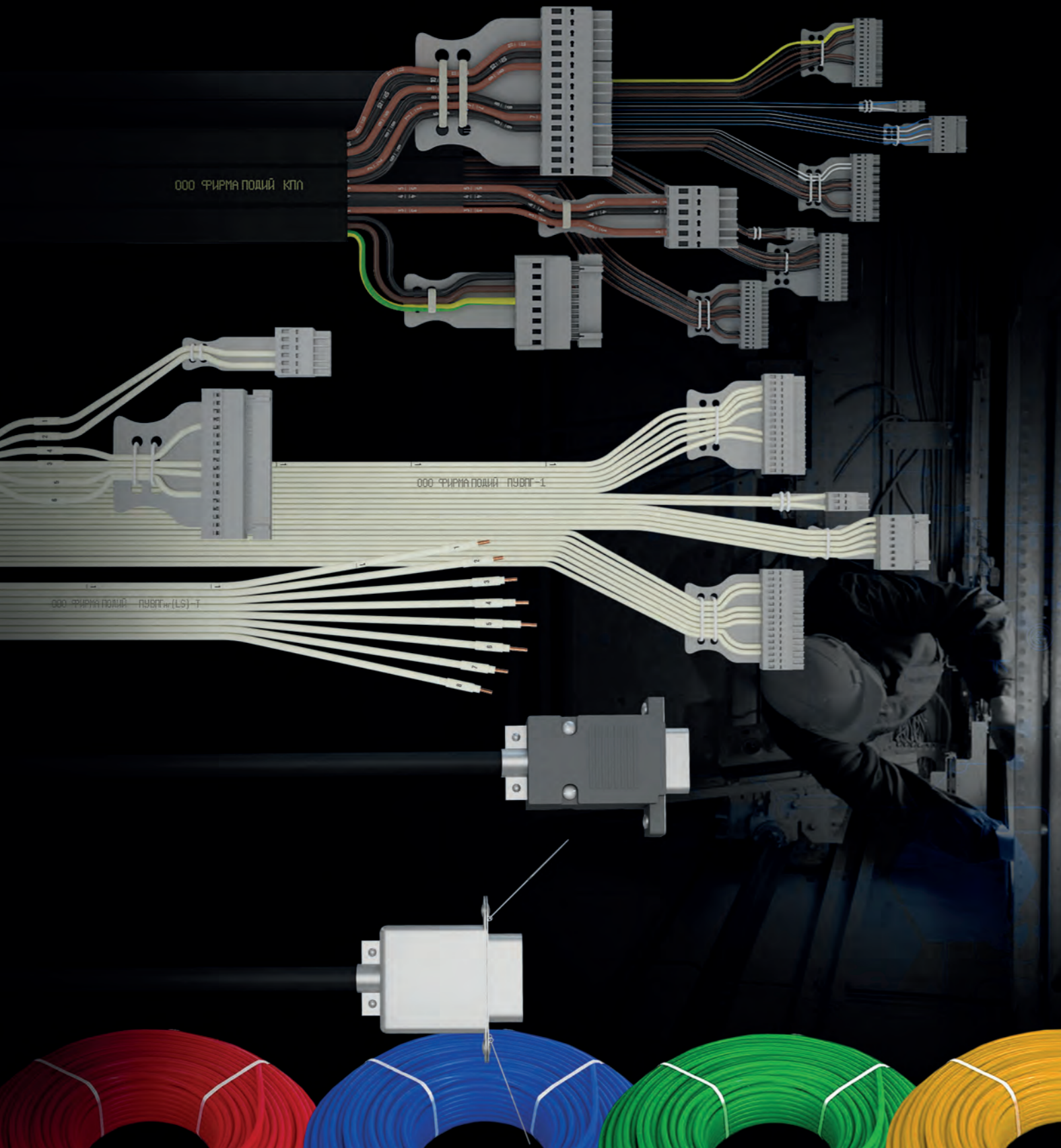
O1.8.2.5.4.

CABLE ASSEMBLES, HARNESSSES

Cable assembly is a cable section with separated ends, conductive cores are pressed with tips, marking cambrics are installed, connectors are connected according to the customer's design documentation for the cable assembly



LENGTH OF THE CABLE ASSEMBLY DETERMINED BY CUSTOMER



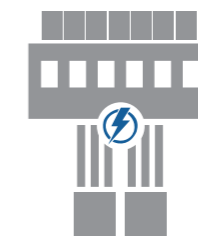
- ➔ Cable assembly of overhead cable based on cable KPL, KPLU, KPLK, KPLKU, including «ng(C)-LS» and «ng(C)-LS-T» models
- ➔ Cable assembly of flat wire PUVPG, including «ng(C)-LS» и «ng(C)-LS-T» models
- ➔ Cable assembly for connecting a cable-based winch KGVV or KGVVE
- ➔ Cable assembly for cable-based winch control MKESH
- ➔ Cable assembly for equipment control (buttons, floor controllers, displays, control stations, etc.)

ALL ASSEMBLIES PASS QUALITY CONTROL

Cable assemblies are tested at a specialized test bench for the following parameters:



Lack of short circuits between conducting cores in the connector



Lack of short circuits between conductive cores and connector body (in case the body is made of metal)



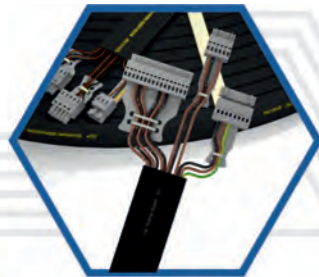
The contact resistance between the conductor and the contact must be no more than 0.060 Ω

SET OF CABLE AND WIRE PRODUCTS FOR ELEVATOR

A set of cable and wire products is designed to perform the installation of electrical equipment for a particular elevator. The kit consists of the necessary and sufficient number of wires/ cables or cable assemblies, as well as additional electrical products for installation

The set can be packed in a wooden box, a box of hard-board or corrugated cardboard or in a bag and delivered as a separate load for the elevator.

SET MAY INCLUDE:



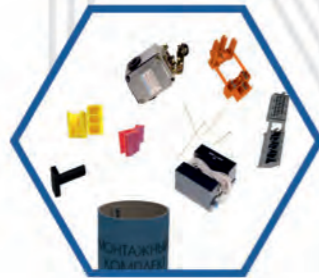
cable assemblies of a suspended cable



cable assemblies for mine and floor wiring




installation wire and cable coils



various electrical products (switches, control units, connectors SUPI-0,50, etc.)




cable assemblies for connecting a winch




BENEFITS

- Reducing the time of installation of cables and wires at the construction facility.
- ...
- Exclusion of waste in the production process.
- ...
- Guarantee of high quality products through the use of specialized equipment during manufacture.
- ...
- Inspection of each set before shipment.
- ...
- Individual packaging.
- ...
- Reduction of warehouse, logistics and production costs.



CABLE ASSEMBLIES ARE TESTED AT THE SPECIALIZED CONTROL STAND FOR THE FOLLOWING PARAMETERS

- Lack of short circuits between conducting cores in the connector
- Lack of short circuits between conductive cores and connector body (in case the body is made of metal)
- Transition resistance between conductor and the contact must be no more than 0.060 ohms



COMPOSITION OF THE SET, LENGTH OF CABLES, WIRES AND CABLE ASSEMBLIES DETERMINED BY THE CUSTOMER AND ARE COMPLETED IN ACCORDANCE WITH THE PACKING LIST



FLAT CABLE CLIPS



BRAND | ZPK-18

Technical specifications TU 3599-008-17512508-2007

BODY SLOT WIDTH, NOT LESS THAN, mm	Flat cable clips, designed for fixing flat elevator cables on the cab and in the elevator shaft .
55,0	



BRAND | ZPK-30

Technical specifications TU 3599-008-17512508-2007

BODY SLOT WIDTH, NOT LESS THAN, mm	Flat cable clips, designed for fixing flat elevator cables on the cab and in the elevator shaft .
90,0	

OPERATION TEMPERATURE	CLIMATIC MODIFICATION
from -30 °C to +55 °C	B, placement categories 3 and 4 in accordance with GOST 15150-69

CONNECTING HARDWARE WITH INSULATION PINCHING FLAME-RETARDENT



BRAND | SUPI-0,50
SUPI-0,75

Technical specifications TU 3599-007-17512508-2008

SECTION OF CONNECTED WIRES, mm ²	Connecting hardware with insulation pinching, designed for solderless installation of insulated wires by pinching of the insulation of wires connected by common connector and exploitation in electric line.
0,35 – 0,50 0,75	

OPERATION TEMPERATURE	CLIMATIC MODIFICATION
from -20 °C to +55 °C	U, placement category 3 and 4 in accordance with GOST 15150-69

ELECTRICAL PARAMETERS

Transitional electrical resistance of a contact, not more than, Ω	0,06
Electrical resistance of the case, not less, MΩ	1000
Fire hazard class according to GOST 31565	O1.8.2.5.4.



MANUFACTURING OF CABLE PRODUCTS

WE LOOK TO THE FUTURE

To place an order or get detailed information about our products, please contact our specialists:

+7 (495) 607-92-91

+7 (495) 607-88-84

Our address:

Off. B-10, Myasnitskaya St.,
Moscow, Russia

zakaz@podiy.ru
www.firmapodiy.ru

