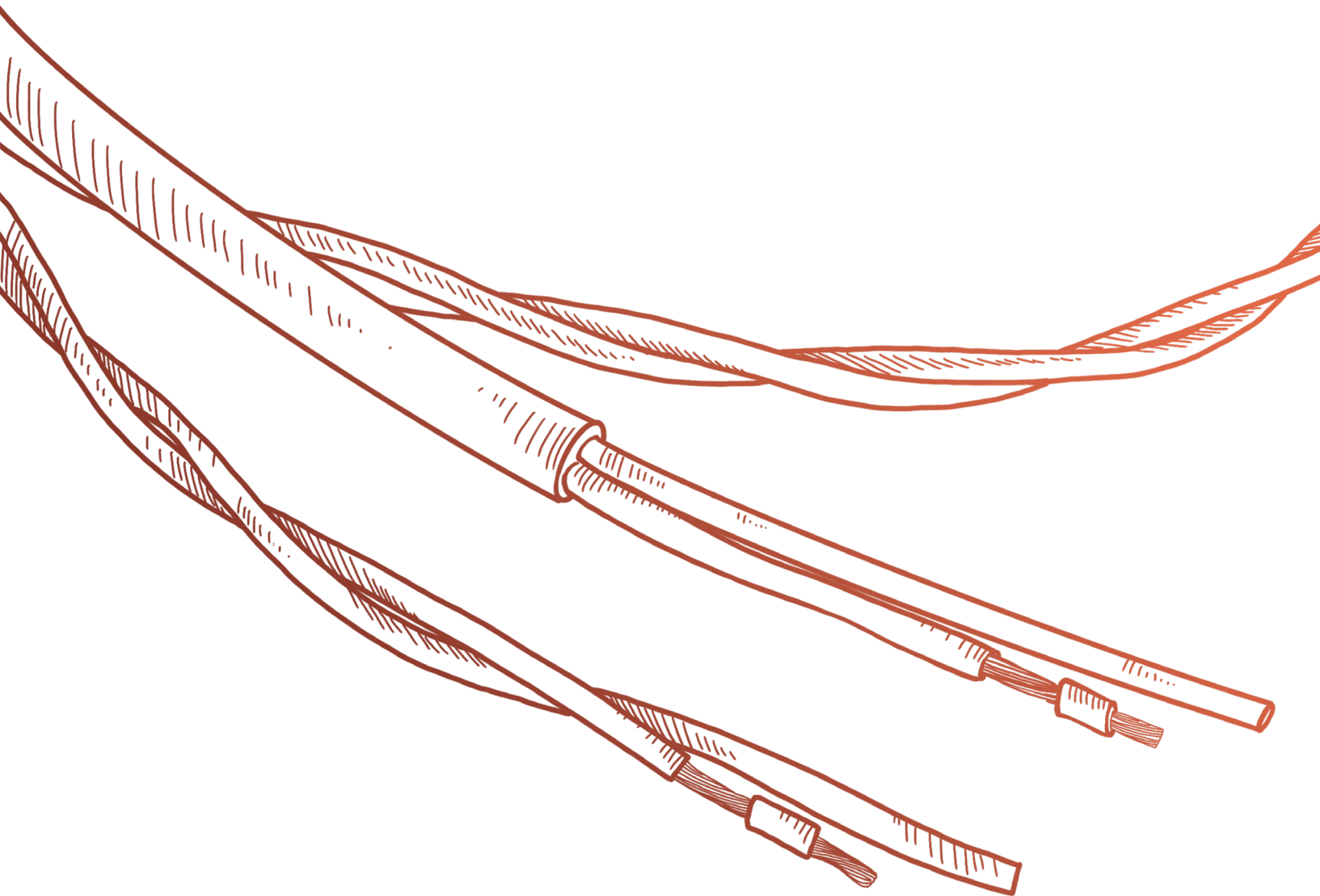
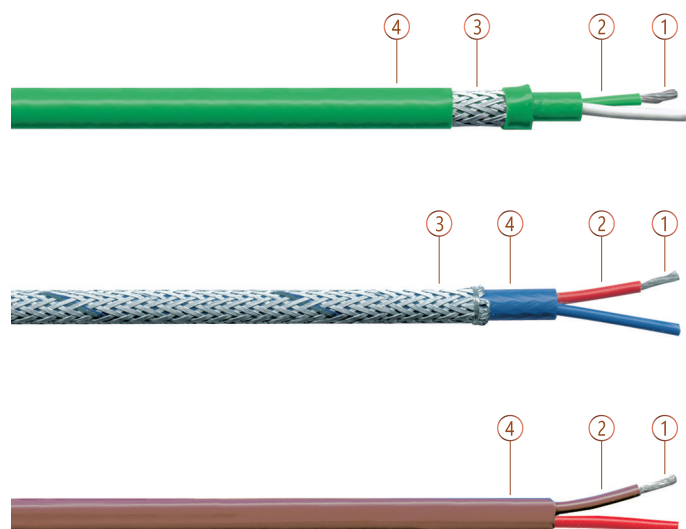


Cables and wires

# COMPENSATION AND THERMOELECTRIC CABLES



**(Channeling  
POWER)** 



## Construction

- ① **CORE** made of special metal or metal alloy and insulated according to the requirements.  
**Core types:** Fe-CuNi, SoNiCr-SoNi, SoPtRh-SoPt, Cu-CuNi.
- ② **INSULATION** made of PVC, heat-resistant PVC, silicone, fluoropolymer or fiberglass.
- ③ **BRAID** made of Galvanized steel wires or tinned copper wires.
- ④ **SHEATH** made of PVC, heat-resistant PVC, silicone, fluoropolymer or fiberglass.

## Temperature range of insulation (stationary)

PVC heat resistant (Yc)	from -25°C to +105°C
Silicone (Si)	from -60°C to +180°C
Fluoropolymer material FEP (F)	from -100°C to +205°C
Fiberglass (WS)	from -50°C to +400°C

## Temperature range for thermoelectric cables acc. to IEC 584-3

Code letter of the thermocouple	Material combination	Temperature ranges
R	PtRh13-Pt	from 0°C to 1600°C
S	PtRh10-Pt	from 0°C to 1600°C
B	PtRh30-PtRh6	from 600°C to 1700°C
J	Fe-CuNi	from -40°C to 750°C
T	Cu-CuNi	from -40°C to 350°C
E	NiCr-CuNi	from -40°C to 900°C
K	NiCr-NiAl	from -40°C to 1200°C
N	NiCrSi-NiSi	from -40°C to 1200°C

## Application

Depending on the type, thermocouples can work in an aggressive environment where they are exposed to high temperatures, often exceeding 1000°C. Thermoelectric and compensating cables are used to connect or extend the thermocouple to the signal receiver, where conditions are safe for humans and measuring systems to read the process temperature.

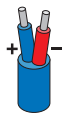
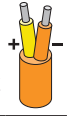
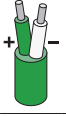
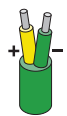
## Compensating cables and thermoelectric cables

Both compensating and thermoelectric cables consist of at least one pair of wires „+“ and „-“. Both wires are made of different metals or alloys to get the right thermoelectric characteristics for a given type of the cable. Thermoelectric wires (X) are often called extension wires due to the fact that they are made of the same materials as the thermocouple. Compensating cables (C) are made of the substitute, similar materials.

## Measurement

Temperature is the most important parameter in many technological processes, therefore its precise measurement is extremely significant for quality reasons. One of the methods is measurement using the thermocouples. In order to take a measurement the thermocouple must be connected to the regulator, meter voltage or calibrator. The accurate measurement is possible on the condition that the appropriate cable of the same type as thermocouple is selected and with the appropriate measurement tolerance.

# Colour identification and temperature ranges for thermoelectric and compensating cables

Code letter of the thermocouple	Material combination										
			NF C 42-324	BS 4937	ANSI MC 96.1	DIN IEC 584-3	DIN 43710				
			Identification	Identification	Identification	Identification	Identification				
+	-	THL	AGL	THL	AGL	THL	AGL	THL	AGL	THL	AGL
T	CU	Cu Ni	TX -25°C +100°C 	TX 0°C +100°C 	TX 0°C +100°C 	TX -25°C +100°C 					
J	Fe	Cu Ni	JX -25°C +200°C 	JX 0°C +200°C 	JX 0°C +200°C 	JX -25°C +200°C 					
L	Fe	Cu Ni					LX 0°C +200°C 				
E	Ni Cr	CU NI	EX -25°C +200°C 	EC -25°C +250°C 	EX 0°C +200°C 	EX -25°C +200°C 					
	Ni Cr	Ni	KX -25°C +200°C 	KC -25°C +200°C 	KX 0°C +200°C 	KX -25°C +200°C 					
K	Ni Cr	Ni				 KCA 0°C +150°C					
N	Ni Cr Si	Ni Si				NX -25°C +200°C 	NC 0°C +150°C				
R S	PtRh 13 PtRh 10	Pt Pt	 SC 0°C +200°C	 SX 0°C +200°C	 SX 0°C +200°C	 RCA/SCA 0°C +100°C					
B	PtRh 30	PtRh 6	 BC 0°C +100°C			(acc. to DIN 43710/83)  BC 0°C +100°C					

**THL** = thermoelectric  
**AGL** = compensating cable

EXAMPLES:

KX thermoelectric cable

KCA compensating cable

KX (plus) ≙ positive polarity for THL KX

KX (minus) ≙ negative polarity for THL KX

KCA (plus) ≙ positive polarity for AGL KC

KCA (minus) ≙ negative polarity for AGL KX



## INDIVIDUAL CONFIGURATOR FOR SELECTION OF COMPENSATION CABLES (non-standard)

Compensating and thermoelectric cables

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### Type

<b>KCA</b>	compensation KCA
<b>KX</b>	thermoelectric K
<b>JX</b>	thermoelectric J
<b>R/SCA</b>	compensation R/S
<b>TX</b>	thermoelectric T
<b>BC</b>	compensating BC B
<b>EX</b>	thermoelectric E
<b>NC</b>	compensating N
<b>NX</b>	thermoelectric N

### Insulation

<b>Yc</b>	PVC heat resistant	from	-25°C	to	+105°C
<b>Si</b>	silicone	from	-60°C	to	+180°C
<b>F</b>	FEP fluoropolymer material	from	-100°C	to	+205°C
<b>WS</b>	fiberglass	from	-50°C	to	+400°C

### Core type

<b>L</b>	line
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### Sheath

<b>Yc</b>	PVC heat resistant	from	-25°C	to	+105°C
<b>Si</b>	silicone	from	-60°C	to	+180°C
<b>F</b>	FEP fluoropolymer material	from	-100°C	to	+205°C
<b>WS</b>	fiberglass	from	-50°C	to	+400°C

### Shield

<b>ek</b>	shield made of tinned copper wires
<b>u</b>	shield made of galvanized steel wires
<b>ekf</b>	shield made of AL/PET foil with a drain wire

### Number of wire pairs

1-25

### Cross-section of the core

<b>x2x0,22</b>	0,22 mm <sup>2</sup>
<b>x2x0,25</b>	0,25 mm <sup>2</sup>
<b>x2x0,35</b>	0,35 mm <sup>2</sup>
<b>x2x0,50</b>	0,50 mm <sup>2</sup>
<b>x2x0,75</b>	0,75 mm <sup>2</sup>
<b>x2x1,00</b>	1,00 mm <sup>2</sup>
<b>x2x1,50</b>	1,50 mm <sup>2</sup>

### For selected compensating cables you can also order the control cables:

- with core insulation and PVC or silicone outer sheath
- with the number of control wires 1-25
- with a cross-section of control wires 0.5-2.5 mm<sup>2</sup>

There is also the possibility to make the cables of special construction.

# THERMOELECTRIC CABLES

## EX

Part no.	Signature	Construction	Cross-sec [mm <sup>2</sup> ]	Core insulation	Sheath / Shield / Sheath	Outer Ø approx. mm	Form	Weight app. kg/km
18050771	EXYcLYc	1x2x	0,22	PVC heat resistant	PVC heat resistant	3,8	round	20,3
18051157	EXYcLYc	1x2x	0,25	PVC heat resistant	PVC heat resistant	3,9	round	21,7
18051158	EXYcLYc	1x2x	0,35	PVC heat resistant	PVC heat resistant	4,9	round	33,0
18050772	EXYcLYc	1x2x	0,5	PVC heat resistant	PVC heat resistant	5,1	round	37,9
18050773	EXYcLYc	1x2x	0,75	PVC heat resistant	PVC heat resistant	6,2	round	56,5
18050774	EXYcLYc	1x2x	1	PVC heat resistant	PVC heat resistant	6,5	round	64,5
18050775	EXYcLYc	1x2x	1,5	PVC heat resistant	PVC heat resistant	7,4	round	87,0
18050776	EXYcLYcek	1x2x	0,22	PVC heat resistant	PVC heat resistant / Tinned copper wires	4,4	round	35,7
18051159	EXYcLYcek	1x2x	0,25	PVC heat resistant	PVC heat resistant / Tinned copper wires	4,5	round	37,1
18051160	EXYcLYcek	1x2x	0,35	PVC heat resistant	PVC heat resistant / Tinned copper wires	5,5	round	48,4
18050777	EXYcLYcek	1x2x	0,5	PVC heat resistant	PVC heat resistant / Tinned copper wires	5,7	round	58,4
18050778	EXYcLYcek	1x2x	0,75	PVC heat resistant	PVC heat resistant / Tinned copper wires	6,8	round	77,1
18050779	EXYcLYcek	1x2x	1	PVC heat resistant	PVC heat resistant / Tinned copper wires	7,1	round	87,6
18050780	EXYcLYcek	1x2x	1,5	PVC heat resistant	PVC heat resistant / Tinned copper wires	8,0	round	114,0
18050781	EXYcLYcu	1x2x	0,22	PVC heat resistant	PVC heat resistant / Galvanized steel wires	4,6	round	36,4
18051161	EXYcLYcu	1x2x	0,25	PVC heat resistant	PVC heat resistant / Galvanized steel wires	4,7	round	37,8
18051162	EXYcLYcu	1x2x	0,35	PVC heat resistant	PVC heat resistant / Galvanized steel wires	5,7	round	53,1
18050782	EXYcLYcu	1x2x	0,5	PVC heat resistant	PVC heat resistant / Galvanized steel wires	5,9	round	56,0
18050783	EXYcLYcu	1x2x	0,75	PVC heat resistant	PVC heat resistant / Galvanized steel wires	7,0	round	80,7
18050784	EXYcLYcu	1x2x	1	PVC heat resistant	PVC heat resistant / Galvanized steel wires	7,3	round	94,7
18050785	EXYcLYcu	1x2x	1,5	PVC heat resistant	PVC heat resistant / Galvanized steel wires	8,2	round	123,3
18050786	EXSiLSi	1x2x	0,22	Silicone	Silicone	3,8	round	19,6
18051163	EXSiLSi	1x2x	0,25	Silicone	Silicone	3,9	round	21,0
18051164	EXSiLSi	1x2x	0,35	Silicone	Silicone	4,9	round	31,9
18050787	EXSiLSi	1x2x	0,5	Silicone	Silicone	5,1	round	36,8
18050788	EXSiLSi	1x2x	0,75	Silicone	Silicone	6,2	round	54,8
18050789	EXSiLSi	1x2x	1	Silicone	Silicone	6,5	round	62,6
18050790	EXSiLSi	1x2x	1,5	Silicone	Silicone	7,4	round	84,6
18050791	EXSiLSiek	1x2x	0,22	Silicone	Silicone / Tinned copper wires	4,4	round	35,0
18051165	EXSiLSiek	1x2x	0,25	Silicone	Silicone / Tinned copper wires	4,5	round	36,4
18051166	EXSiLSiek	1x2x	0,35	Silicone	Silicone / Tinned copper wires	5,5	round	47,3
18050792	EXSiLSiek	1x2x	0,5	Silicone	Silicone / Tinned copper wires	5,7	round	57,3
18050793	EXSiLSiek	1x2x	0,75	Silicone	Silicone / Tinned copper wires	6,8	round	75,3
18050794	EXSiLSiek	1x2x	1	Silicone	Silicone / Tinned copper wires	7,1	round	85,7
18050795	EXSiLSiek	1x2x	1,5	Silicone	Silicone / Tinned copper wires	8,0	round	111,6
18050796	EXSiLSiu	1x2x	0,22	Silicone	Silicone / Galvanized steel wires	4,6	round	35,8
18051167	EXSiLSiu	1x2x	0,25	Silicone	Silicone / Galvanized steel wires	4,7	round	37,1
18051168	EXSiLSiu	1x2x	0,35	Silicone	Silicone / Galvanized steel wires	5,7	round	52,1
18050797	EXSiLSiu	1x2x	0,5	Silicone	Silicone / Galvanized steel wires	5,9	round	54,9
18050798	EXSiLSiu	1x2x	0,75	Silicone	Silicone / Galvanized steel wires	7,0	round	79,0
18050799	EXSiLSiu	1x2x	1	Silicone	Silicone / Galvanized steel wires	7,3	round	92,8
18050800	EXSiLSiu	1x2x	1,5	Silicone	Silicone / Galvanized steel wires	8,2	round	120,9
18050801	EXFLF	1x2x	0,22	Fluoropolymer material FEP	Fluoropolymer material FEP	3,0	oval	18,8
18051169	EXFLF	1x2x	0,25	Fluoropolymer material FEP	Fluoropolymer material FEP	3,1	oval	20,3
18051170	EXFLF	1x2x	0,35	Fluoropolymer material FEP	Fluoropolymer material FEP	3,5	oval	25,7
18050802	EXFLF	1x2x	0,5	Fluoropolymer material FEP	Fluoropolymer material FEP	3,7	oval	30,6
18050803	EXFLF	1x2x	0,75	Fluoropolymer material FEP	Fluoropolymer material FEP	4,2	oval	41,1
18050804	EXFLF	1x2x	1	Fluoropolymer material FEP	Fluoropolymer material FEP	4,5	oval	48,8
18050805	EXFLF	1x2x	1,5	Fluoropolymer material FEP	Fluoropolymer material FEP	4,8	oval	60,8
18050806	EXFLFek	1x2x	0,22	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	3,6	oval	30,3
18051171	EXFLFek	1x2x	0,25	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	3,7	oval	31,8
18051172	EXFLFek	1x2x	0,35	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	4,1	oval	41,1
18050807	EXFLFek	1x2x	0,5	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	4,3	oval	46,0
18050808	EXFLFek	1x2x	0,75	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	4,8	oval	56,5
18050809	EXFLFek	1x2x	1	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	5,1	oval	64,2
18050810	EXFLFek	1x2x	1,5	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	5,4	oval	76,2
18050811	EXFLFu	1x2x	0,22	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	3,8	oval	30,9
18051173	EXFLFu	1x2x	0,25	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	3,9	oval	32,3
18051174	EXFLFu	1x2x	0,35	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	4,3	oval	41,8
18050812	EXFLFu	1x2x	0,5	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	4,5	oval	46,7
18050813	EXFLFu	1x2x	0,75	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	5,0	oval	59,3
18050814	EXFLFu	1x2x	1	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	5,3	oval	66,9
18050815	EXFLFu	1x2x	1,5	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	5,6	oval	76,9
18050816	EXWslWs	1x2x	0,22	Fiberglass	Fiberglass	3,4	oval	18,9
18051175	EXWslWs	1x2x	0,25	Fiberglass	Fiberglass	3,5	oval	20,2
18051176	EXWslWs	1x2x	0,35	Fiberglass	Fiberglass	3,9	oval	24,8
18050817	EXWslWs	1x2x	0,5	Fiberglass	Fiberglass	4,1	oval	29,1
18050818	EXWslWs	1x2x	0,75	Fiberglass	Fiberglass	4,6	oval	38,1
18050819	EXWslWs	1x2x	1	Fiberglass	Fiberglass	4,9	oval	44,7
18050820	EXWslWs	1x2x	1,5	Fiberglass	Fiberglass	5,2	oval	55,4
18050821	EXWslWsek	1x2x	0,22	Fiberglass	Fiberglass / Tinned copper wires	4,0	oval	30,4
18051177	EXWslWsek	1x2x	0,25	Fiberglass	Fiberglass / Tinned copper wires	4,1	oval	31,7
18051178	EXWslWsek	1x2x	0,35	Fiberglass	Fiberglass / Tinned copper wires	4,5	oval	40,2
18050822	EXWslWsek	1x2x	0,5	Fiberglass	Fiberglass / Tinned copper wires	4,7	oval	44,5
18050823	EXWslWsek	1x2x	0,75	Fiberglass	Fiberglass / Tinned copper wires	5,2	oval	53,5
18050824	EXWslWsek	1x2x	1	Fiberglass	Fiberglass / Tinned copper wires	5,5	oval	60,1
18050825	EXWslWsek	1x2x	1,5	Fiberglass	Fiberglass / Tinned copper wires	5,8	oval	70,8
18050826	EXWslWsu	1x2x	0,22	Fiberglass	Fiberglass / Galvanized steel wires	4,2	oval	31,0
18051179	EXWslWsu	1x2x	0,25	Fiberglass	Fiberglass / Galvanized steel wires	4,3	oval	32,3
18051180	EXWslWsu	1x2x	0,35	Fiberglass	Fiberglass / Galvanized steel wires	4,7	oval	36,9
18050827	EXWslWsu	1x2x	0,5	Fiberglass	Fiberglass / Galvanized steel wires	4,9	oval	41,2
18050828	EXWslWsu	1x2x	0,75	Fiberglass	Fiberglass / Galvanized steel wires	5,4	oval	56,2
18050829	EXWslWsu	1x2x	1	Fiberglass	Fiberglass / Galvanized steel wires	5,7	oval	62,9
18050830	EXWslWsu	1x2x	1,5	Fiberglass	Fiberglass / Galvanized steel wires	6,0	oval	79,6

# THERMOELECTRIC CABLES

## KX

Part no.	Signature	Construction	Cross-sec [mm <sup>2</sup> ]	Core insulation	Sheath / Shield / Sheath	Outer Ø approx. mm	Form	Weight app. kg/km
18050365	KXYcLYc	1x2x	0,22	PVC heat resistant	PVC heat resistant	3,8	round	20,2
18051133	KXYcLYc	1x2x	0,25	PVC heat resistant	PVC heat resistant	3,9	round	21,6
18051134	KXYcLYc	1x2x	0,35	PVC heat resistant	PVC heat resistant	4,9	round	32,9
18050366	KXYcLYc	1x2x	0,5	PVC heat resistant	PVC heat resistant	5,1	round	37,7
18050367	KXYcLYc	1x2x	0,75	PVC heat resistant	PVC heat resistant	6,2	round	56,3
18050368	KXYcLYc	1x2x	1	PVC heat resistant	PVC heat resistant	6,5	round	64,2
18050369	KXYcLYc	1x2x	1,5	PVC heat resistant	PVC heat resistant	7,4	round	86,6
18050370	KXYcLYcek	1x2x	0,22	PVC heat resistant	PVC heat resistant / Tinned copper wires	4,4	round	35,6
18051135	KXYcLYcek	1x2x	0,25	PVC heat resistant	PVC heat resistant / Tinned copper wires	4,5	round	37,4
18051136	KXYcLYcek	1x2x	0,35	PVC heat resistant	PVC heat resistant / Tinned copper wires	5,5	round	48,7
18050371	KXYcLYcek	1x2x	0,5	PVC heat resistant	PVC heat resistant / Tinned copper wires	5,7	round	58,9
18050372	KXYcLYcek	1x2x	0,75	PVC heat resistant	PVC heat resistant / Tinned copper wires	6,8	round	77,4
18050373	KXYcLYcek	1x2x	1	PVC heat resistant	PVC heat resistant / Tinned copper wires	7,1	round	87,9
18050374	KXYcLYcek	1x2x	1,5	PVC heat resistant	PVC heat resistant / Tinned copper wires	8,0	round	114,3
18050375	KXYcLYcu	1x2x	0,22	PVC heat resistant	PVC heat resistant / Galvanized steel wires	4,6	round	36,8
18051137	KXYcLYcu	1x2x	0,25	PVC heat resistant	PVC heat resistant / Galvanized steel wires	4,7	round	38,2
18051138	KXYcLYcu	1x2x	0,35	PVC heat resistant	PVC heat resistant / Galvanized steel wires	5,7	round	53,6
18050376	KXYcLYcu	1x2x	0,5	PVC heat resistant	PVC heat resistant / Galvanized steel wires	5,9	round	56,4
18050377	KXYcLYcu	1x2x	0,75	PVC heat resistant	PVC heat resistant / Galvanized steel wires	7,0	round	81,2
18050378	KXYcLYcu	1x2x	1	PVC heat resistant	PVC heat resistant / Galvanized steel wires	7,3	round	95,3
18050379	KXYcLYcu	1x2x	1,5	PVC heat resistant	PVC heat resistant / Galvanized steel wires	8,2	round	123,9
18050380	KXSILSi	1x2x	0,22	Silicone	Silicone	3,8	round	19,6
18051139	KXSILSi	1x2x	0,25	Silicone	Silicone	3,9	round	20,9
18051140	KXSILSi	1x2x	0,35	Silicone	Silicone	4,9	round	31,8
18050381	KXSILSi	1x2x	0,5	Silicone	Silicone	5,1	round	36,6
18050382	KXSILSi	1x2x	0,75	Silicone	Silicone	6,2	round	54,6
18050383	KXSILSi	1x2x	1	Silicone	Silicone	6,5	round	62,3
18050384	KXSILSi	1x2x	1,5	Silicone	Silicone	7,4	round	84,2
18050385	KXSILSiek	1x2x	0,22	Silicone	Silicone / Tinned copper wires	4,4	round	35,4
18051141	KXSILSiek	1x2x	0,25	Silicone	Silicone / Tinned copper wires	4,5	round	36,8
18051142	KXSILSiek	1x2x	0,35	Silicone	Silicone / Tinned copper wires	5,5	round	47,7
18050386	KXSILSiek	1x2x	0,5	Silicone	Silicone / Tinned copper wires	5,7	round	57,7
18050387	KXSILSiek	1x2x	0,75	Silicone	Silicone / Tinned copper wires	6,8	round	75,7
18050388	KXSILSiek	1x2x	1	Silicone	Silicone / Tinned copper wires	7,1	round	86,1
18050389	KXSILSiek	1x2x	1,5	Silicone	Silicone / Tinned copper wires	8,0	round	111,9
18050390	KXSILSiU	1x2x	0,22	Silicone	Silicone / Galvanized steel wires	4,6	round	36,2
18051143	KXSILSiU	1x2x	0,25	Silicone	Silicone / Galvanized steel wires	4,7	round	37,5
18051144	KXSILSiU	1x2x	0,35	Silicone	Silicone / Galvanized steel wires	5,7	round	52,5
18050391	KXSILSiU	1x2x	0,5	Silicone	Silicone / Galvanized steel wires	5,9	round	55,3
18050392	KXSILSiU	1x2x	0,75	Silicone	Silicone / Galvanized steel wires	7,0	round	79,5
18050393	KXSILSiU	1x2x	1	Silicone	Silicone / Galvanized steel wires	7,3	round	87,2
18050394	KXSILSiU	1x2x	1,5	Silicone	Silicone / Galvanized steel wires	8,2	round	121,5
18049007	KXSILekSi	1x2x	0,22	Silicone	Tinned copper wires / Silicone	4,4	round	32,5
18050395	KXFLF	1x2x	0,22	Fluoropolymer material FEP	Fluoropolymer material FEP	3,0	oval	18,8
18051145	KXFLF	1x2x	0,25	Fluoropolymer material FEP	Fluoropolymer material FEP	3,1	oval	20,3
18051146	KXFLF	1x2x	0,35	Fluoropolymer material FEP	Fluoropolymer material FEP	3,5	oval	25,8
18050396	KXFLF	1x2x	0,5	Fluoropolymer material FEP	Fluoropolymer material FEP	3,7	oval	30,6
18050397	KXFLF	1x2x	0,75	Fluoropolymer material FEP	Fluoropolymer material FEP	4,2	oval	41,2
18050398	KXFLF	1x2x	1	Fluoropolymer material FEP	Fluoropolymer material FEP	4,5	oval	48,8
18050399	KXFLF	1x2x	1,5	Fluoropolymer material FEP	Fluoropolymer material FEP	4,8	oval	60,7
18050400	KXFLFek	1x2x	0,22	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	3,6	oval	30,7
18051147	KXFLFek	1x2x	0,25	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	3,7	oval	32,2
18051148	KXFLFek	1x2x	0,35	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	4,1	oval	41,6
18050401	KXFLFek	1x2x	0,5	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	4,3	oval	46,5
18050402	KXFLFek	1x2x	0,75	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	4,8	oval	57,0
18050403	KXFLFek	1x2x	1	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	5,1	oval	64,6
18050404	KXFLFek	1x2x	1,5	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	5,4	oval	76,5
18050405	KXFLFu	1x2x	0,22	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	3,8	oval	31,3
18051149	KXFLFu	1x2x	0,25	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	3,9	oval	32,8
18051150	KXFLFu	1x2x	0,35	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	4,3	oval	42,4
18050406	KXFLFu	1x2x	0,5	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	4,5	oval	47,2
18050407	KXFLFu	1x2x	0,75	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	5,0	oval	59,8
18050408	KXFLFu	1x2x	1	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	5,3	oval	67,5
18050409	KXFLFu	1x2x	1,5	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	5,6	oval	77,3
18050410	KXWslWls	1x2x	0,22	Fiberglass	Fiberglass	3,4	oval	18,8
18051151	KXWslWls	1x2x	0,25	Fiberglass	Fiberglass	3,5	oval	20,1
18051152	KXWslWls	1x2x	0,35	Fiberglass	Fiberglass	3,9	oval	24,7
18050411	KXWslWls	1x2x	0,5	Fiberglass	Fiberglass	4,1	oval	28,9
18050412	KXWslWls	1x2x	0,75	Fiberglass	Fiberglass	4,6	oval	37,8
18050413	KXWslWls	1x2x	1	Fiberglass	Fiberglass	4,9	oval	44,4
18050414	KXWslWls	1x2x	1,5	Fiberglass	Fiberglass	5,2	oval	54,9
18050415	KXWslWsek	1x2x	0,22	Fiberglass	Fiberglass / Tinned copper wires	4,0	oval	30,7
18051153	KXWslWsek	1x2x	0,25	Fiberglass	Fiberglass / Tinned copper wires	4,1	oval	32,0
18051154	KXWslWsek	1x2x	0,35	Fiberglass	Fiberglass / Tinned copper wires	4,5	oval	40,5
18050416	KXWslWsek	1x2x	0,5	Fiberglass	Fiberglass / Tinned copper wires	4,7	oval	44,8
18050417	KXWslWsek	1x2x	0,75	Fiberglass	Fiberglass / Tinned copper wires	5,2	oval	53,7
18050418	KXWslWsek	1x2x	1	Fiberglass	Fiberglass / Tinned copper wires	5,5	oval	60,3
18050419	KXWslWsek	1x2x	1,5	Fiberglass	Fiberglass / Tinned copper wires	5,8	oval	70,8
18050420	KXWslWsu	1x2x	0,22	Fiberglass	Fiberglass / Galvanized steel wires	4,2	oval	31,3
18051155	KXWslWsu	1x2x	0,25	Fiberglass	Fiberglass / Galvanized steel wires	4,3	oval	32,5
18051156	KXWslWsu	1x2x	0,35	Fiberglass	Fiberglass / Galvanized steel wires	4,7	oval	37,1
18050421	KXWslWsu	1x2x	0,5	Fiberglass	Fiberglass / Galvanized steel wires	4,9	oval	41,4
18050422	KXWslWsu	1x2x	0,75	Fiberglass	Fiberglass / Galvanized steel wires	5,4	oval	56,5
18050423	KXWslWsu	1x2x	1	Fiberglass	Fiberglass / Galvanized steel wires	5,7	oval	63,1
18050424	KXWslWsu	1x2x	1,5	Fiberglass	Fiberglass / Galvanized steel wires	6,0	oval	79,8

Part no.	Signature	Construction	Cross-sec [mm <sup>2</sup> ]	Core insulation	Sheath / Shield / Sheath	Outer Ø approx. mm	Form	Weight app. kg/km
18050479	JXYcLYc	1x2x	0,22	PVC heat resistant	PVC heat resistant	3,8	round	20,1
18051207	JXYcLYc	1x2x	0,25	PVC heat resistant	PVC heat resistant	3,9	round	21,4
18051208	JXYcLYc	1x2x	0,35	PVC heat resistant	PVC heat resistant	4,9	round	32,7
18050480	JXYcLYc	1x2x	0,5	PVC heat resistant	PVC heat resistant	5,1	round	37,5
18050481	JXYcLYc	1x2x	0,75	PVC heat resistant	PVC heat resistant	6,2	round	55,9
18050482	JXYcLYc	1x2x	1	PVC heat resistant	PVC heat resistant	6,5	round	63,6
18048906	JXYcLYc	1x2x	1,5	PVC heat resistant	PVC heat resistant	7,4	round	85,7
18050483	JXYcLYcek	1x2x	0,22	PVC heat resistant	PVC heat resistant / Tinned copper wires	4,4	round	35,5
18051209	JXYcLYcek	1x2x	0,25	PVC heat resistant	PVC heat resistant / Tinned copper wires	4,5	round	36,8
18051210	JXYcLYcek	1x2x	0,35	PVC heat resistant	PVC heat resistant / Tinned copper wires	5,5	round	48,1
18050484	JXYcLYcek	1x2x	0,5	PVC heat resistant	PVC heat resistant / Tinned copper wires	5,7	round	58,0
18050485	JXYcLYcek	1x2x	0,75	PVC heat resistant	PVC heat resistant / Tinned copper wires	6,8	round	76,4
18050486	JXYcLYcek	1x2x	1	PVC heat resistant	PVC heat resistant / Tinned copper wires	7,1	round	86,7
18050487	JXYcLYcek	1x2x	1,5	PVC heat resistant	PVC heat resistant / Tinned copper wires	8,0	round	112,6
18050488	JXYcLYcu	1x2x	0,22	PVC heat resistant	PVC heat resistant / Galvanized steel wires	4,6	round	36,2
18051211	JXYcLYcu	1x2x	0,25	PVC heat resistant	PVC heat resistant / Galvanized steel wires	4,7	round	37,6
18051212	JXYcLYcu	1x2x	0,35	PVC heat resistant	PVC heat resistant / Galvanized steel wires	5,7	round	52,8
18050489	JXYcLYcu	1x2x	0,5	PVC heat resistant	PVC heat resistant / Galvanized steel wires	5,9	round	55,6
18050490	JXYcLYcu	1x2x	0,75	PVC heat resistant	PVC heat resistant / Galvanized steel wires	7,0	round	80,0
18050491	JXYcLYcu	1x2x	1	PVC heat resistant	PVC heat resistant / Galvanized steel wires	7,3	round	93,8
18050492	JXYcLYcu	1x2x	1,5	PVC heat resistant	PVC heat resistant / Galvanized steel wires	8,2	round	122,0
18050493	JXSiLSi	1x2x	0,22	Silicone	Silicone	3,8	round	19,4
18051213	JXSiLSi	1x2x	0,25	Silicone	Silicone	3,9	round	20,8
18051214	JXSiLSi	1x2x	0,35	Silicone	Silicone	4,9	round	31,6
18050494	JXSiLSi	1x2x	0,5	Silicone	Silicone	5,1	round	36,3
18050495	JXSiLSi	1x2x	0,75	Silicone	Silicone	6,2	round	54,2
18050496	JXSiLSi	1x2x	1	Silicone	Silicone	6,5	round	61,7
18048907	JXSiLSi	1x2x	1,5	Silicone	Silicone	7,4	round	83,3
18050497	JXSiLSiek	1x2x	0,22	Silicone	Silicone / Tinned copper wires	4,4	round	34,8
18051215	JXSiLSiek	1x2x	0,25	Silicone	Silicone / Tinned copper wires	4,5	round	36,2
18051216	JXSiLSiek	1x2x	0,35	Silicone	Silicone / Tinned copper wires	5,5	round	47,0
18050498	JXSiLSiek	1x2x	0,5	Silicone	Silicone / Tinned copper wires	5,7	round	56,8
18050499	JXSiLSiek	1x2x	0,75	Silicone	Silicone / Tinned copper wires	6,8	round	74,7
18050500	JXSiLSiek	1x2x	1	Silicone	Silicone / Tinned copper wires	7,1	round	84,8
18050501	JXSiLSiek	1x2x	1,5	Silicone	Silicone / Tinned copper wires	8,0	round	110,3
18050502	JXSiLSiu	1x2x	0,22	Silicone	Silicone / Galvanized steel wires	4,6	round	35,6
18051217	JXSiLSiu	1x2x	0,25	Silicone	Silicone / Galvanized steel wires	4,7	round	36,9
18051218	JXSiLSiu	1x2x	0,35	Silicone	Silicone / Galvanized steel wires	5,7	round	51,7
18050503	JXSiLSiu	1x2x	0,5	Silicone	Silicone / Galvanized steel wires	5,9	round	54,4
18050504	JXSiLSiu	1x2x	0,75	Silicone	Silicone / Galvanized steel wires	7,0	round	78,3
18050505	JXSiLSiu	1x2x	1	Silicone	Silicone / Galvanized steel wires	7,3	round	92,0
18050506	JXSiLSiu	1x2x	1,5	Silicone	Silicone / Galvanized steel wires	8,2	round	119,6
18050507	JXFLF	1x2x	0,22	Fluoropolymer material FEP	Fluoropolymer material FEP	3,0	oval	18,7
18051219	JXFLF	1x2x	0,25	Fluoropolymer material FEP	Fluoropolymer material FEP	3,1	oval	20,2
18051220	JXFLF	1x2x	0,35	Fluoropolymer material FEP	Fluoropolymer material FEP	3,5	oval	25,6
18050508	JXFLF	1x2x	0,5	Fluoropolymer material FEP	Fluoropolymer material FEP	3,7	oval	30,3
18050509	JXFLF	1x2x	0,75	Fluoropolymer material FEP	Fluoropolymer material FEP	4,2	oval	40,8
18050510	JXFLF	1x2x	1	Fluoropolymer material FEP	Fluoropolymer material FEP	4,5	oval	48,2
18050511	JXFLF	1x2x	1,5	Fluoropolymer material FEP	Fluoropolymer material FEP	4,8	oval	59,8
18050512	JXFLFek	1x2x	0,22	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	3,6	oval	30,3
18051221	JXFLFek	1x2x	0,25	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	3,7	oval	31,7
18051222	JXFLFek	1x2x	0,35	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	4,1	oval	41,0
18050513	JXFLFek	1x2x	0,5	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	4,3	oval	45,7
18050514	JXFLFek	1x2x	0,75	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	4,8	oval	56,1
18050515	JXFLFek	1x2x	1	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	5,1	oval	63,6
18050516	JXFLFek	1x2x	1,5	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	5,4	oval	75,2
18050517	JXFLFu	1x2x	0,22	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	3,8	oval	30,8
18051223	JXFLFu	1x2x	0,25	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	3,9	oval	32,3
18051224	JXFLFu	1x2x	0,35	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	4,3	oval	41,7
18050518	JXFLFu	1x2x	0,5	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	4,5	oval	46,4
18050519	JXFLFu	1x2x	0,75	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	5,0	oval	58,9
18050520	JXFLFu	1x2x	1	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	5,3	oval	66,4
18050521	JXFLFu	1x2x	1,5	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	5,6	oval	75,9
18050522	JXWslWs	1x2x	0,22	Fiberglass	Fiberglass	3,4	oval	18,7
18051225	JXWslWs	1x2x	0,25	Fiberglass	Fiberglass	3,5	oval	20,0
18051226	JXWslWs	1x2x	0,35	Fiberglass	Fiberglass	3,9	oval	24,5
18050523	JXWslWs	1x2x	0,5	Fiberglass	Fiberglass	4,1	oval	28,6
18050524	JXWslWs	1x2x	0,75	Fiberglass	Fiberglass	4,6	oval	37,4
18050525	JXWslWs	1x2x	1	Fiberglass	Fiberglass	4,9	oval	43,8
18050526	JXWslWs	1x2x	1,5	Fiberglass	Fiberglass	5,2	oval	54,1
18050527	JXWslWsek	1x2x	0,22	Fiberglass	Fiberglass / Tinned copper wires	4,0	oval	30,2
18051227	JXWslWsek	1x2x	0,25	Fiberglass	Fiberglass / Tinned copper wires	4,1	oval	31,5
18051228	JXWslWsek	1x2x	0,35	Fiberglass	Fiberglass / Tinned copper wires	4,5	oval	39,9
18050528	JXWslWsek	1x2x	0,5	Fiberglass	Fiberglass / Tinned copper wires	4,7	oval	44,0
18050529	JXWslWsek	1x2x	0,75	Fiberglass	Fiberglass / Tinned copper wires	5,2	oval	52,8
18050530	JXWslWsek	1x2x	1	Fiberglass	Fiberglass / Tinned copper wires	5,5	oval	59,2
18050531	JXWslWsek	1x2x	1,5	Fiberglass	Fiberglass / Tinned copper wires	5,8	oval	69,5
18050532	JXWslWsu	1x2x	0,22	Fiberglass	Fiberglass / Galvanized steel wires	4,2	oval	30,8
18051229	JXWslWsu	1x2x	0,25	Fiberglass	Fiberglass / Galvanized steel wires	4,3	oval	32,0
18051230	JXWslWsu	1x2x	0,35	Fiberglass	Fiberglass / Galvanized steel wires	4,7	oval	36,6
18050533	JXWslWsu	1x2x	0,5	Fiberglass	Fiberglass / Galvanized steel wires	4,9	oval	40,7
18050534	JXWslWsu	1x2x	0,75	Fiberglass	Fiberglass / Galvanized steel wires	5,4	oval	55,5
18050535	JXWslWsu	1x2x	1	Fiberglass	Fiberglass / Galvanized steel wires	5,7	oval	62,0
18050536	JXWslWsu	1x2x	1,5	Fiberglass	Fiberglass / Galvanized steel wires	6,0	oval	78,3

# THERMOELECTRIC CABLES

## NX

Part no.	Signature	Construction	Cross-sec [mm <sup>2</sup> ]	Core insulation	Sheath / Shield / Sheath	Outer Ø approx. mm	Form	Weight app. kg/km
18050711	NXYcLYc	1x2x	0,22	PVC heat resistant	PVC heat resistant	3,8	round	20,2
18051255	NXYcLYc	1x2x	0,25	PVC heat resistant	PVC heat resistant	3,9	round	21,5
18051256	NXYcLYc	1x2x	0,35	PVC heat resistant	PVC heat resistant	4,9	round	32,8
18050712	NXYcLYc	1x2x	0,5	PVC heat resistant	PVC heat resistant	5,1	round	37,6
18050713	NXYcLYc	1x2x	0,75	PVC heat resistant	PVC heat resistant	6,2	round	56,1
18050714	NXYcLYc	1x2x	1	PVC heat resistant	PVC heat resistant	6,5	round	63,9
18050715	NXYcLYc	1x2x	1,5	PVC heat resistant	PVC heat resistant	7,4	round	86,2
18050716	NXYcLYcek	1x2x	0,22	PVC heat resistant	PVC heat resistant / Tinned copper wires	4,4	round	35,6
18051257	NXYcLYcek	1x2x	0,25	PVC heat resistant	PVC heat resistant / Tinned copper wires	4,5	round	36,9
18051258	NXYcLYcek	1x2x	0,35	PVC heat resistant	PVC heat resistant / Tinned copper wires	5,5	round	48,2
18050717	NXYcLYcek	1x2x	0,5	PVC heat resistant	PVC heat resistant / Tinned copper wires	5,7	round	58,2
18050718	NXYcLYcek	1x2x	0,75	PVC heat resistant	PVC heat resistant / Tinned copper wires	6,8	round	76,7
18050719	NXYcLYcek	1x2x	1	PVC heat resistant	PVC heat resistant / Tinned copper wires	7,1	round	87,0
18050720	NXYcLYcek	1x2x	1,5	PVC heat resistant	PVC heat resistant / Tinned copper wires	8,0	round	113,2
18050721	NXYcLYcu	1x2x	0,22	PVC heat resistant	PVC heat resistant / Galvanized steel wires	4,6	round	36,3
18051259	NXYcLYcu	1x2x	0,25	PVC heat resistant	PVC heat resistant / Galvanized steel wires	4,7	round	37,6
18051260	NXYcLYcu	1x2x	0,35	PVC heat resistant	PVC heat resistant / Galvanized steel wires	5,7	round	52,9
18050722	NXYcLYcu	1x2x	0,5	PVC heat resistant	PVC heat resistant / Galvanized steel wires	5,9	round	55,8
18050723	NXYcLYcu	1x2x	0,75	PVC heat resistant	PVC heat resistant / Galvanized steel wires	7,0	round	80,3
18050724	NXYcLYcu	1x2x	1	PVC heat resistant	PVC heat resistant / Galvanized steel wires	7,3	round	94,2
18050725	NXYcLYcu	1x2x	1,5	PVC heat resistant	PVC heat resistant / Galvanized steel wires	8,2	round	122,5
18050726	NXSiLSi	1x2x	0,22	Silicone	Silicone	3,8	round	19,5
18051261	NXSiLSi	1x2x	0,25	Silicone	Silicone	3,9	round	20,9
18051262	NXSiLSi	1x2x	0,35	Silicone	Silicone	4,9	round	31,7
18050727	NXSiLSi	1x2x	0,5	Silicone	Silicone	5,1	round	36,5
18050728	NXSiLSi	1x2x	0,75	Silicone	Silicone	6,2	round	54,4
18050729	NXSiLSi	1x2x	1	Silicone	Silicone	6,5	round	62,1
18050730	NXSiLSi	1x2x	1,5	Silicone	Silicone	7,4	round	83,9
18050731	NXSiLSiek	1x2x	0,22	Silicone	Silicone / Tinned copper wires	4,4	round	34,9
18051263	NXSiLSiek	1x2x	0,25	Silicone	Silicone / Tinned copper wires	4,5	round	36,2
18051264	NXSiLSiek	1x2x	0,35	Silicone	Silicone / Tinned copper wires	5,5	round	47,1
18050732	NXSiLSiek	1x2x	0,5	Silicone	Silicone / Tinned copper wires	5,7	round	57,0
18050733	NXSiLSiek	1x2x	0,75	Silicone	Silicone / Tinned copper wires	6,8	round	75,0
18050734	NXSiLSiek	1x2x	1	Silicone	Silicone / Tinned copper wires	7,1	round	85,2
18050735	NXSiLSiek	1x2x	1,5	Silicone	Silicone / Tinned copper wires	8,0	round	110,8
18050736	NXSiLSiu	1x2x	0,22	Silicone	Silicone / Galvanized steel wires	4,6	round	35,6
18051265	NXSiLSiu	1x2x	0,25	Silicone	Silicone / Galvanized steel wires	4,7	round	37,0
18051266	NXSiLSiu	1x2x	0,35	Silicone	Silicone / Galvanized steel wires	5,7	round	51,9
18050737	NXSiLSiu	1x2x	0,5	Silicone	Silicone / Galvanized steel wires	5,9	round	54,6
18050738	NXSiLSiu	1x2x	0,75	Silicone	Silicone / Galvanized steel wires	7,0	round	78,6
18050739	NXSiLSiu	1x2x	1	Silicone	Silicone / Galvanized steel wires	7,3	round	92,3
18050740	NXSiLSiu	1x2x	1,5	Silicone	Silicone / Galvanized steel wires	8,2	round	120,1
18049006	NXSiLekSi	1x2x	0,22	Silicone	Tinned copper wires / Silicone	4,4	round	32,5
18050741	NXFLF	1x2x	0,22	Fluoropolymer material FEP	Fluoropolymer material FEP	3,0	oval	18,7
18051267	NXFLF	1x2x	0,25	Fluoropolymer material FEP	Fluoropolymer material FEP	3,1	oval	20,1
18051268	NXFLF	1x2x	0,35	Fluoropolymer material FEP	Fluoropolymer material FEP	3,5	oval	25,5
18050742	NXFLF	1x2x	0,5	Fluoropolymer material FEP	Fluoropolymer material FEP	3,7	oval	30,3
18050743	NXFLF	1x2x	0,75	Fluoropolymer material FEP	Fluoropolymer material FEP	4,2	oval	40,8
18050744	NXFLF	1x2x	1	Fluoropolymer material FEP	Fluoropolymer material FEP	4,5	oval	48,3
18050745	NXFLF	1x2x	1,5	Fluoropolymer material FEP	Fluoropolymer material FEP	4,8	oval	60,0
18050746	NXFLFek	1x2x	0,22	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	3,6	oval	30,2
18051269	NXFLFek	1x2x	0,25	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	3,7	oval	31,7
18051270	NXFLFek	1x2x	0,35	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	4,1	oval	40,9
18050747	NXFLFek	1x2x	0,5	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	4,3	oval	45,7
18050748	NXFLFek	1x2x	0,75	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	4,8	oval	56,1
18050749	NXFLFek	1x2x	1	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	5,1	oval	63,7
18050750	NXFLFek	1x2x	1,5	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	5,4	oval	75,4
18050751	NXFLFu	1x2x	0,22	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	3,8	oval	30,7
18051271	NXFLFu	1x2x	0,25	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	3,9	oval	32,2
18051272	NXFLFu	1x2x	0,35	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	4,3	oval	41,6
18050752	NXFLFu	1x2x	0,5	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	4,5	oval	46,4
18050753	NXFLFu	1x2x	0,75	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	5,0	oval	58,9
18050754	NXFLFu	1x2x	1	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	5,3	oval	66,4
18050755	NXFLFu	1x2x	1,5	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	5,6	oval	76,1
18050756	NXWslWs	1x2x	0,22	Fiberglass	Fiberglass	3,4	oval	18,8
18051273	NXWslWs	1x2x	0,25	Fiberglass	Fiberglass	3,5	oval	20,0
18051274	NXWslWs	1x2x	0,35	Fiberglass	Fiberglass	3,9	oval	24,6
18050757	NXWslWs	1x2x	0,5	Fiberglass	Fiberglass	4,1	oval	28,8
18050758	NXWslWs	1x2x	0,75	Fiberglass	Fiberglass	4,6	oval	37,7
18050759	NXWslWs	1x2x	1	Fiberglass	Fiberglass	4,9	oval	44,2
18050760	NXWslWs	1x2x	1,5	Fiberglass	Fiberglass	5,2	oval	54,6
18050761	NXWslWsek	1x2x	0,22	Fiberglass	Fiberglass / Tinned copper wires	4,0	oval	30,3
18051275	NXWslWsek	1x2x	0,25	Fiberglass	Fiberglass / Tinned copper wires	4,1	oval	31,6
18051276	NXWslWsek	1x2x	0,35	Fiberglass	Fiberglass / Tinned copper wires	4,5	oval	40,0
18050762	NXWslWsek	1x2x	0,5	Fiberglass	Fiberglass / Tinned copper wires	4,7	oval	44,2
18050763	NXWslWsek	1x2x	0,75	Fiberglass	Fiberglass / Tinned copper wires	5,2	oval	53,1
18050764	NXWslWsek	1x2x	1	Fiberglass	Fiberglass / Tinned copper wires	5,5	oval	59,6
18050765	NXWslWsek	1x2x	1,5	Fiberglass	Fiberglass / Tinned copper wires	5,8	oval	70,0
18050766	NXWslWsu	1x2x	0,22	Fiberglass	Fiberglass / Galvanized steel wires	4,2	oval	30,8
18051277	NXWslWsu	1x2x	0,25	Fiberglass	Fiberglass / Galvanized steel wires	4,3	oval	32,1
18051278	NXWslWsu	1x2x	0,35	Fiberglass	Fiberglass / Galvanized steel wires	4,7	oval	36,7
18050767	NXWslWsu	1x2x	0,5	Fiberglass	Fiberglass / Galvanized steel wires	4,9	oval	40,9
18050768	NXWslWsu	1x2x	0,75	Fiberglass	Fiberglass / Galvanized steel wires	5,4	oval	55,8
18050769	NXWslWsu	1x2x	1	Fiberglass	Fiberglass / Galvanized steel wires	5,7	oval	62,3



# TX

Part no.	Signature	Construction	Cross-sec [mm <sup>2</sup> ]	Core insulation	Sheath / Shield / Sheath	Outer Ø approx. mm	Form	Weight app. kg/km
18050651	TXYcLYc	1x2x	0,22	PVC heat resistant	PVC heat resistant	3,8	round	20,3
18051181	TXYcLYc	1x2x	0,25	PVC heat resistant	PVC heat resistant	3,9	round	21,7
18051182	TXYcLYc	1x2x	0,35	PVC heat resistant	PVC heat resistant	4,9	round	33,0
18050652	TXYcLYc	1x2x	0,5	PVC heat resistant	PVC heat resistant	5,1	round	38,0
18050653	TXYcLYc	1x2x	0,75	PVC heat resistant	PVC heat resistant	6,2	round	56,7
18050654	TXYcLYc	1x2x	1	PVC heat resistant	PVC heat resistant	6,5	round	64,7
18050655	TXYcLYc	1x2x	1,5	PVC heat resistant	PVC heat resistant	7,6	round	90,8
18050656	TXYcLYcek	1x2x	0,22	PVC heat resistant	PVC heat resistant / Tinned copper wires	4,4	round	35,7
18051183	TXYcLYcek	1x2x	0,25	PVC heat resistant	PVC heat resistant / Tinned copper wires	4,5	round	37,1
18051184	TXYcLYcek	1x2x	0,35	PVC heat resistant	PVC heat resistant / Tinned copper wires	5,5	round	48,4
18050657	TXYcLYcek	1x2x	0,5	PVC heat resistant	PVC heat resistant / Tinned copper wires	5,7	round	58,5
18050658	TXYcLYcek	1x2x	0,75	PVC heat resistant	PVC heat resistant / Tinned copper wires	6,8	round	77,2
18050659	TXYcLYcek	1x2x	1	PVC heat resistant	PVC heat resistant / Tinned copper wires	7,1	round	87,7
18050660	TXYcLYcek	1x2x	1,5	PVC heat resistant	PVC heat resistant / Tinned copper wires	8,2	round	117,8
18050661	TXYcLYcu	1x2x	0,22	PVC heat resistant	PVC heat resistant / Galvanized steel wires	4,6	round	36,4
18051185	TXYcLYcu	1x2x	0,25	PVC heat resistant	PVC heat resistant / Galvanized steel wires	4,7	round	37,8
18051186	TXYcLYcu	1x2x	0,35	PVC heat resistant	PVC heat resistant / Galvanized steel wires	5,7	round	53,2
18050662	TXYcLYcu	1x2x	0,5	PVC heat resistant	PVC heat resistant / Galvanized steel wires	5,9	round	56,1
18050663	TXYcLYcu	1x2x	0,75	PVC heat resistant	PVC heat resistant / Galvanized steel wires	7,0	round	80,8
18050664	TXYcLYcu	1x2x	1	PVC heat resistant	PVC heat resistant / Galvanized steel wires	7,3	round	94,9
18050665	TXYcLYcu	1x2x	1,5	PVC heat resistant	PVC heat resistant / Galvanized steel wires	8,4	round	127,1
18050666	TXSiLSi	1x2x	0,22	Silicone	Silicone	3,8	round	19,7
18051187	TXSiLSi	1x2x	0,25	Silicone	Silicone	3,9	round	21,0
18051188	TXSiLSi	1x2x	0,35	Silicone	Silicone	4,9	round	32,0
18050667	TXSiLSi	1x2x	0,5	Silicone	Silicone	5,1	round	36,8
18050668	TXSiLSi	1x2x	0,75	Silicone	Silicone	6,2	round	55,0
18050669	TXSiLSi	1x2x	1	Silicone	Silicone	6,5	round	62,8
18050670	TXSiLSi	1x2x	1,5	Silicone	Silicone	7,6	round	88,3
18050671	TXSiLSiek	1x2x	0,22	Silicone	Silicone / Tinned copper wires	4,4	round	35,1
18051189	TXSiLSiek	1x2x	0,25	Silicone	Silicone / Tinned copper wires	4,5	round	36,4
18051190	TXSiLSiek	1x2x	0,35	Silicone	Silicone / Tinned copper wires	5,5	round	47,4
18050672	TXSiLSiek	1x2x	0,5	Silicone	Silicone / Tinned copper wires	5,7	round	57,4
18050673	TXSiLSiek	1x2x	0,75	Silicone	Silicone / Tinned copper wires	6,8	round	75,5
18050674	TXSiLSiek	1x2x	1	Silicone	Silicone / Tinned copper wires	7,1	round	85,9
18050675	TXSiLSiek	1x2x	1,5	Silicone	Silicone / Tinned copper wires	8,2	round	115,2
18050676	TXSiLSiu	1x2x	0,22	Silicone	Silicone / Galvanized steel wires	4,6	round	35,8
18051191	TXSiLSiu	1x2x	0,25	Silicone	Silicone / Galvanized steel wires	4,7	round	37,1
18051192	TXSiLSiu	1x2x	0,35	Silicone	Silicone / Galvanized steel wires	5,7	round	52,1
18050677	TXSiLSiu	1x2x	0,5	Silicone	Silicone / Galvanized steel wires	5,9	round	55,0
18050678	TXSiLSiu	1x2x	0,75	Silicone	Silicone / Galvanized steel wires	7,0	round	79,1
18050679	TXSiLSiu	1x2x	1	Silicone	Silicone / Galvanized steel wires	7,3	round	93,0
18050680	TXSiLSiu	1x2x	1,5	Silicone	Silicone / Galvanized steel wires	8,4	round	124,6
18049008	TXSiLekSi	1x2x	0,22	Silicone	Tinned copper wires / Silicone	4,4	round	32,5
18050681	TXFLF	1x2x	0,22	Fluoropolymer material FEP	Fluoropolymer material FEP	3,0	oval	18,8
18051193	TXFLF	1x2x	0,25	Fluoropolymer material FEP	Fluoropolymer material FEP	3,1	oval	20,3
18051194	TXFLF	1x2x	0,35	Fluoropolymer material FEP	Fluoropolymer material FEP	3,5	oval	25,7
18050682	TXFLF	1x2x	0,5	Fluoropolymer material FEP	Fluoropolymer material FEP	3,7	oval	30,7
18050683	TXFLF	1x2x	0,75	Fluoropolymer material FEP	Fluoropolymer material FEP	4,2	oval	41,3
18050684	TXFLF	1x2x	1	Fluoropolymer material FEP	Fluoropolymer material FEP	4,5	oval	49,0
18050685	TXFLF	1x2x	1,5	Fluoropolymer material FEP	Fluoropolymer material FEP	5,0	oval	64,5
18050686	TXFLFek	1x2x	0,22	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	3,6	oval	30,4
18051195	TXFLFek	1x2x	0,25	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	3,7	oval	31,9
18051196	TXFLFek	1x2x	0,35	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	4,1	oval	41,1
18050687	TXFLFek	1x2x	0,5	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	4,3	oval	46,0
18050688	TXFLFek	1x2x	0,75	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	4,8	oval	56,7
18050689	TXFLFek	1x2x	1	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	5,1	oval	64,4
18050690	TXFLFek	1x2x	1,5	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	5,6	oval	79,9
18050691	TXFLFu	1x2x	0,22	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	3,8	oval	30,9
18051197	TXFLFu	1x2x	0,25	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	3,9	oval	32,4
18051198	TXFLFu	1x2x	0,35	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	4,3	oval	41,9
18050692	TXFLFu	1x2x	0,5	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	4,5	oval	46,8
18050693	TXFLFu	1x2x	0,75	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	5,0	oval	59,4
18050694	TXFLFu	1x2x	1	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	5,3	oval	67,1
18050695	TXFLFu	1x2x	1,5	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	5,8	oval	80,6
18050696	TXWslWs	1x2x	0,22	Fiberglass	Fiberglass	3,4	oval	18,9
18051199	TXWslWs	1x2x	0,25	Fiberglass	Fiberglass	3,5	oval	20,2
18051200	TXWslWs	1x2x	0,35	Fiberglass	Fiberglass	3,9	oval	24,9
18050697	TXWslWs	1x2x	0,5	Fiberglass	Fiberglass	4,1	oval	29,2
18050698	TXWslWs	1x2x	0,75	Fiberglass	Fiberglass	4,6	oval	38,2
18050699	TXWslWs	1x2x	1	Fiberglass	Fiberglass	4,9	oval	44,9
18050700	TXWslWs	1x2x	1,5	Fiberglass	Fiberglass	5,4	oval	58,3
18050701	TXWslWsek	1x2x	0,22	Fiberglass	Fiberglass / Tinned copper wires	4,0	oval	30,5
18051201	TXWslWsek	1x2x	0,25	Fiberglass	Fiberglass / Tinned copper wires	4,1	oval	31,8
18051202	TXWslWsek	1x2x	0,35	Fiberglass	Fiberglass / Tinned copper wires	4,5	oval	40,2
18050702	TXWslWsek	1x2x	0,5	Fiberglass	Fiberglass / Tinned copper wires	4,7	oval	44,6
18050703	TXWslWsek	1x2x	0,75	Fiberglass	Fiberglass / Tinned copper wires	5,2	oval	53,6
18050704	TXWslWsek	1x2x	1	Fiberglass	Fiberglass / Tinned copper wires	5,5	oval	60,3
18050705	TXWslWsek	1x2x	1,5	Fiberglass	Fiberglass / Tinned copper wires	6,0	oval	73,7
18050706	TXWslWsu	1x2x	0,22	Fiberglass	Fiberglass / Galvanized steel wires	4,2	oval	31,0
18051203	TXWslWsu	1x2x	0,25	Fiberglass	Fiberglass / Galvanized steel wires	4,3	oval	32,3
18051204	TXWslWsu	1x2x	0,35	Fiberglass	Fiberglass / Galvanized steel wires	4,7	oval	36,9
18050707	TXWslWsu	1x2x	0,5	Fiberglass	Fiberglass / Galvanized steel wires	4,9	oval	41,3
18050708	TXWslWsu	1x2x	0,75	Fiberglass	Fiberglass / Galvanized steel wires	5,4	oval	56,3
18050709	TXWslWsu	1x2x	1	Fiberglass	Fiberglass / Galvanized steel wires	5,7	oval	63,0
18050710	TXWslWsu	1x2x	1,5	Fiberglass	Fiberglass / Galvanized steel wires	6,2	oval	82,5

# COMPENSATING CABLES

## KCA

Part no.	Signature	Construction	Cross-sec [mm <sup>2</sup> ]	Core insulation	Sheath / Shield / Sheath	Outer Ø approx. mm	Form	Weight app. kg/km
18050425	KCAYcLYc	1x2x	0,22	PVC heat resistant	PVC heat resistant	3,80	round	20,0
18051109	KCAYcLYc	1x2x	0,25	PVC heat resistant	PVC heat resistant	3,90	round	21,3
18051110	KCAYcLYc	1x2x	0,35	PVC heat resistant	PVC heat resistant	4,86	round	32,5
18050426	KCAYcLYc	1x2x	0,5	PVC heat resistant	PVC heat resistant	5,08	round	37,2
18050427	KCAYcLYc	1x2x	0,75	PVC heat resistant	PVC heat resistant	6,20	round	55,5
18050428	KCAYcLYc	1x2x	1	PVC heat resistant	PVC heat resistant	6,48	round	63,2
18048900	KCAYcLYc	1x2x	1,5	PVC heat resistant	PVC heat resistant	7,40	round	85,3
18050429	KCAYcLYcek	1x2x	0,22	PVC heat resistant	PVC heat resistant / Tinned copper wires	4,4	round	35,4
18051111	KCAYcLYcek	1x2x	0,25	PVC heat resistant	PVC heat resistant / Tinned copper wires	4,5	round	36,7
18051112	KCAYcLYcek	1x2x	0,35	PVC heat resistant	PVC heat resistant / Tinned copper wires	5,5	round	47,9
18050430	KCAYcLYcek	1x2x	0,5	PVC heat resistant	PVC heat resistant / Tinned copper wires	5,7	round	57,8
18050431	KCAYcLYcek	1x2x	0,75	PVC heat resistant	PVC heat resistant / Tinned copper wires	6,8	round	76,1
18050432	KCAYcLYcek	1x2x	1	PVC heat resistant	PVC heat resistant / Tinned copper wires	7,1	round	86,3
18050433	KCAYcLYcek	1x2x	1,5	PVC heat resistant	PVC heat resistant / Tinned copper wires	8,0	round	112,2
18050434	KCAYcLYcu	1x2x	0,22	PVC heat resistant	PVC heat resistant / Galvanized steel wires	4,6	round	38,3
18051113	KCAYcLYcu	1x2x	0,25	PVC heat resistant	PVC heat resistant / Galvanized steel wires	4,7	round	39,8
18051114	KCAYcLYcu	1x2x	0,35	PVC heat resistant	PVC heat resistant / Galvanized steel wires	5,7	round	56,5
18050435	KCAYcLYcu	1x2x	0,5	PVC heat resistant	PVC heat resistant / Galvanized steel wires	5,9	round	59,5
18050436	KCAYcLYcu	1x2x	0,75	PVC heat resistant	PVC heat resistant / Galvanized steel wires	7,0	round	86,1
18050437	KCAYcLYcu	1x2x	1	PVC heat resistant	PVC heat resistant / Galvanized steel wires	7,3	round	100,3
18048901	KCAYcLYcu	1x2x	1,5	PVC heat resistant	PVC heat resistant / Galvanized steel wires	8,2	round	130,1
18050438	KCASiLSi	1x2x	0,22	Silicone	Silicone	3,8	round	19,4
18051115	KCASiLSi	1x2x	0,25	Silicone	Silicone	3,9	round	20,8
18051116	KCASiLSi	1x2x	0,35	Silicone	Silicone	4,9	round	31,6
18050439	KCASiLSi	1x2x	0,5	Silicone	Silicone	5,1	round	36,3
18050440	KCASiLSi	1x2x	0,75	Silicone	Silicone	6,2	round	54,2
18050441	KCASiLSi	1x2x	1	Silicone	Silicone	6,5	round	61,7
18050442	KCASiLSi	1x2x	1,5	Silicone	Silicone	7,4	round	83,3
18050443	KCASiLSiek	1x2x	0,22	Silicone	Silicone / Tinned copper wires	4,4	round	34,8
18051117	KCASiLSiek	1x2x	0,25	Silicone	Silicone / Tinned copper wires	4,5	round	36,2
18051118	KCASiLSiek	1x2x	0,35	Silicone	Silicone / Tinned copper wires	5,5	round	47,0
18050444	KCASiLSiek	1x2x	0,5	Silicone	Silicone / Tinned copper wires	5,7	round	56,8
18050445	KCASiLSiek	1x2x	0,75	Silicone	Silicone / Tinned copper wires	6,8	round	74,7
18050446	KCASiLSiek	1x2x	1	Silicone	Silicone / Tinned copper wires	7,1	round	84,8
18050447	KCASiLSiek	1x2x	1,5	Silicone	Silicone / Tinned copper wires	8,0	round	110,3
18050448	KCASiLSiu	1x2x	0,22	Silicone	Silicone / Galvanized steel wires	4,6	round	35,6
18051119	KCASiLSiu	1x2x	0,25	Silicone	Silicone / Galvanized steel wires	4,7	round	36,9
18051120	KCASiLSiu	1x2x	0,35	Silicone	Silicone / Galvanized steel wires	5,7	round	51,7
18050449	KCASiLSiu	1x2x	0,5	Silicone	Silicone / Galvanized steel wires	5,9	round	54,4
18050450	KCASiLSiu	1x2x	0,75	Silicone	Silicone / Galvanized steel wires	7,0	round	78,3
18050451	KCASiLSiu	1x2x	1	Silicone	Silicone / Galvanized steel wires	7,3	round	92,0
18048902	KCASiLSiu	1x2x	1,5	Silicone	Silicone / Galvanized steel wires	8,2	round	119,6
18049003	KCASiLekSi	1x2x	0,22	Silicone	Tinned copper wires / Silicone	4,4	round	32,5
18049011	KCASiLekSi	1x2x	0,5	Silicone	Tinned copper wires / Silicone	5,7	round	57,5
18050452	KCAFLF	1x2x	0,22	Fluoropolymer material FEP	Fluoropolymer material FEP	3,0	oval	18,7
18051121	KCAFLF	1x2x	0,25	Fluoropolymer material FEP	Fluoropolymer material FEP	3,1	oval	20,2
18051122	KCAFLF	1x2x	0,35	Fluoropolymer material FEP	Fluoropolymer material FEP	3,5	oval	25,6
18050453	KCAFLF	1x2x	0,5	Fluoropolymer material FEP	Fluoropolymer material FEP	3,7	oval	30,3
18050454	KCAFLF	1x2x	0,75	Fluoropolymer material FEP	Fluoropolymer material FEP	4,2	oval	40,8
18050455	KCAFLF	1x2x	1	Fluoropolymer material FEP	Fluoropolymer material FEP	4,5	oval	48,2
18048903	KCAFLF	1x2x	1,5	Fluoropolymer material FEP	Fluoropolymer material FEP	4,8	oval	59,8
18050456	KCAFLFek	1x2x	0,22	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	3,6	oval	30,3
18051123	KCAFLFek	1x2x	0,25	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	3,7	oval	31,7
18051124	KCAFLFek	1x2x	0,35	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	4,1	oval	41,0
18050457	KCAFLFek	1x2x	0,5	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	4,3	oval	45,7
18050458	KCAFLFek	1x2x	0,75	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	4,8	oval	56,1
18050459	KCAFLFek	1x2x	1	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	5,1	oval	63,6
18050460	KCAFLFek	1x2x	1,5	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	5,4	oval	75,2
18050461	KCAFLFu	1x2x	0,22	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	3,8	oval	30,8
18051125	KCAFLFu	1x2x	0,25	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	3,9	oval	32,3
18051126	KCAFLFu	1x2x	0,35	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	4,3	oval	41,7
18050462	KCAFLFu	1x2x	0,5	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	4,5	oval	46,4
18050463	KCAFLFu	1x2x	0,75	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	5,0	oval	58,9
18050464	KCAFLFu	1x2x	1	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	5,3	oval	66,4
18050465	KCAFLFu	1x2x	1,5	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	5,6	oval	75,9
18050466	KCAWslWs	1x2x	0,22	Fiberglass	Fiberglass	3,4	oval	18,7
18051127	KCAWslWs	1x2x	0,25	Fiberglass	Fiberglass	3,5	oval	20,0
18051128	KCAWslWs	1x2x	0,35	Fiberglass	Fiberglass	3,9	oval	24,5
18050467	KCAWslWs	1x2x	0,5	Fiberglass	Fiberglass	4,1	oval	28,6
18050468	KCAWslWs	1x2x	0,75	Fiberglass	Fiberglass	4,6	oval	37,4
18050469	KCAWslWs	1x2x	1	Fiberglass	Fiberglass	4,9	oval	43,8
18048904	KCAWslWs	1x2x	1,5	Fiberglass	Fiberglass	5,2	oval	54,1
18050470	KCAWslWsek	1x2x	0,22	Fiberglass	Fiberglass / Tinned copper wires	4,0	oval	30,2
18051129	KCAWslWsek	1x2x	0,25	Fiberglass	Fiberglass / Tinned copper wires	4,1	oval	31,5
18051130	KCAWslWsek	1x2x	0,35	Fiberglass	Fiberglass / Tinned copper wires	4,5	oval	39,9
18050471	KCAWslWsek	1x2x	0,5	Fiberglass	Fiberglass / Tinned copper wires	4,7	oval	44,0
18050472	KCAWslWsek	1x2x	0,75	Fiberglass	Fiberglass / Tinned copper wires	5,2	oval	52,8
18050473	KCAWslWsek	1x2x	1	Fiberglass	Fiberglass / Tinned copper wires	5,5	oval	59,2
18050474	KCAWslWsek	1x2x	1,5	Fiberglass	Fiberglass / Tinned copper wires	5,8	oval	69,5
18050475	KCAWslWsu	1x2x	0,22	Fiberglass	Fiberglass / Galvanized steel wires	4,2	oval	30,8
18051131	KCAWslWsu	1x2x	0,25	Fiberglass	Fiberglass / Galvanized steel wires	4,3	oval	32,0
18051132	KCAWslWsu	1x2x	0,35	Fiberglass	Fiberglass / Galvanized steel wires	4,7	oval	36,6
18050476	KCAWslWsu	1x2x	0,5	Fiberglass	Fiberglass / Galvanized steel wires	4,9	oval	40,7
18050477	KCAWslWsu	1x2x	0,75	Fiberglass	Fiberglass / Galvanized steel wires	5,4	oval	55,5
18050478	KCAWslWsu	1x2x	1	Fiberglass	Fiberglass / Galvanized steel wires	5,7	oval	62,0
18048905	KCAWslWsu	1x2x	1,5	Fiberglass	Fiberglass / Galvanized steel wires	6,0	oval	78,3

# RSCA

Part no.	Signature	Construction	Cross-sec [mm <sup>2</sup> ]	Core insulation	Sheath / Shield / Sheath	Outer Ø approx. mm	Form	Weight app. kg/km
18050597	RSCAYcLYc	1x2x	0,22	PVC heat resistant	PVC heat resistant	3,8	round	20,3
18051231	RSCAYcLYc	1x2x	0,25	PVC heat resistant	PVC heat resistant	3,9	round	21,7
18051232	RSCAYcLYc	1x2x	0,35	PVC heat resistant	PVC heat resistant	4,9	round	33,0
18050598	RSCAYcLYc	1x2x	0,5	PVC heat resistant	PVC heat resistant	5,1	round	38,0
18050599	RSCAYcLYc	1x2x	0,75	PVC heat resistant	PVC heat resistant	6,2	round	56,7
18050600	RSCAYcLYc	1x2x	1	PVC heat resistant	PVC heat resistant	6,5	round	64,7
18048908	RSCAYcLYc	1x2x	1,5	PVC heat resistant	PVC heat resistant	7,4	round	87,3
18050601	RSCAYcLYcek	1x2x	0,22	PVC heat resistant	PVC heat resistant / Tinned copper wires	4,4	round	35,7
18051233	RSCAYcLYcek	1x2x	0,25	PVC heat resistant	PVC heat resistant / Tinned copper wires	4,5	round	37,1
18051234	RSCAYcLYcek	1x2x	0,35	PVC heat resistant	PVC heat resistant / Tinned copper wires	5,5	round	48,4
18050602	RSCAYcLYcek	1x2x	0,5	PVC heat resistant	PVC heat resistant / Tinned copper wires	5,7	round	58,5
18050603	RSCAYcLYcek	1x2x	0,75	PVC heat resistant	PVC heat resistant / Tinned copper wires	6,8	round	77,2
18050604	RSCAYcLYcek	1x2x	1	PVC heat resistant	PVC heat resistant / Tinned copper wires	7,1	round	87,8
18050605	RSCAYcLYcek	1x2x	1,5	PVC heat resistant	PVC heat resistant / Tinned copper wires	8,0	round	114,3
18050606	RSCAYcLYcu	1x2x	0,22	PVC heat resistant	PVC heat resistant / Galvanized steel wires	4,6	round	36,4
18051235	RSCAYcLYcu	1x2x	0,25	PVC heat resistant	PVC heat resistant / Galvanized steel wires	4,7	round	37,8
18051236	RSCAYcLYcu	1x2x	0,35	PVC heat resistant	PVC heat resistant / Galvanized steel wires	5,7	round	53,2
18050607	RSCAYcLYcu	1x2x	0,5	PVC heat resistant	PVC heat resistant / Galvanized steel wires	5,9	round	56,1
18050608	RSCAYcLYcu	1x2x	0,75	PVC heat resistant	PVC heat resistant / Galvanized steel wires	7,0	round	80,8
18050609	RSCAYcLYcu	1x2x	1	PVC heat resistant	PVC heat resistant / Galvanized steel wires	7,3	round	94,9
18050610	RSCAYcLYcu	1x2x	1,5	PVC heat resistant	PVC heat resistant / Galvanized steel wires	8,2	round	123,6
18050611	RSCASiLSi	1x2x	0,22	Silicone	Silicone	3,8	round	19,7
18051237	RSCASiLSi	1x2x	0,25	Silicone	Silicone	3,9	round	21,0
18051238	RSCASiLSi	1x2x	0,35	Silicone	Silicone	4,9	round	32,0
18050612	RSCASiLSi	1x2x	0,5	Silicone	Silicone	5,1	round	36,8
18050613	RSCASiLSi	1x2x	0,75	Silicone	Silicone	6,2	round	55,0
18050614	RSCASiLSi	1x2x	1	Silicone	Silicone	6,5	round	62,8
18048909	RSCASiLSi	1x2x	1,5	Silicone	Silicone	7,4	round	84,9
18050615	RSCASiLSiek	1x2x	0,22	Silicone	Silicone / Tinned copper wires	4,4	round	35,1
18051239	RSCASiLSiek	1x2x	0,25	Silicone	Silicone / Tinned copper wires	4,5	round	36,4
18051240	RSCASiLSiek	1x2x	0,35	Silicone	Silicone / Tinned copper wires	5,5	round	47,4
18050616	RSCASiLSiek	1x2x	0,5	Silicone	Silicone / Tinned copper wires	5,7	round	57,4
18050617	RSCASiLSiek	1x2x	0,75	Silicone	Silicone / Tinned copper wires	6,8	round	75,5
18050618	RSCASiLSiek	1x2x	1	Silicone	Silicone / Tinned copper wires	7,1	round	85,9
18050619	RSCASiLSiek	1x2x	1,5	Silicone	Silicone / Tinned copper wires	8,0	round	111,9
18050620	RSCASiLSiu	1x2x	0,22	Silicone	Silicone / Galvanized steel wires	4,6	round	35,8
18051241	RSCASiLSiu	1x2x	0,25	Silicone	Silicone / Galvanized steel wires	4,7	round	37,1
18051242	RSCASiLSiu	1x2x	0,35	Silicone	Silicone / Galvanized steel wires	5,7	round	52,1
18050621	RSCASiLSiu	1x2x	0,5	Silicone	Silicone / Galvanized steel wires	5,9	round	55,0
18050622	RSCASiLSiu	1x2x	0,75	Silicone	Silicone / Galvanized steel wires	7,0	round	79,1
18050623	RSCASiLSiu	1x2x	1	Silicone	Silicone / Galvanized steel wires	7,3	round	93,0
18048910	RSCASiLSiu	1x2x	1,5	Silicone	Silicone / Galvanized steel wires	8,2	round	121,2
18049004	RSCSiLekSi	1x2x	0,22	Silicone	Tinned copper wires / Silicone	4,4	round	32,5
18050624	RSCAFLF	1x2x	0,22	Fluoropolymer material FEP	Fluoropolymer material FEP	3,0	oval	18,8
18051243	RSCAFLF	1x2x	0,25	Fluoropolymer material FEP	Fluoropolymer material FEP	3,1	oval	20,3
18051244	RSCAFLF	1x2x	0,35	Fluoropolymer material FEP	Fluoropolymer material FEP	3,5	oval	25,8
18050625	RSCAFLF	1x2x	0,5	Fluoropolymer material FEP	Fluoropolymer material FEP	3,7	oval	30,7
18050626	RSCAFLF	1x2x	0,75	Fluoropolymer material FEP	Fluoropolymer material FEP	4,2	oval	41,3
18050627	RSCAFLF	1x2x	1	Fluoropolymer material FEP	Fluoropolymer material FEP	4,5	oval	49,0
18048911	RSCAFLF	1x2x	1,5	Fluoropolymer material FEP	Fluoropolymer material FEP	4,8	oval	61,1
18050628	RSCAFLFek	1x2x	0,22	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	3,6	oval	30,4
18051245	RSCAFLFek	1x2x	0,25	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	3,7	oval	31,9
18051246	RSCAFLFek	1x2x	0,35	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	4,1	oval	41,1
18050629	RSCAFLFek	1x2x	0,5	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	4,3	oval	46,1
18050630	RSCAFLFek	1x2x	0,75	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	4,8	oval	56,7
18050631	RSCAFLFek	1x2x	1	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	5,1	oval	64,4
18050632	RSCAFLFek	1x2x	1,5	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	5,4	oval	76,5
18050633	RSCAFLFu	1x2x	0,22	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	3,8	oval	30,9
18051247	RSCAFLFu	1x2x	0,25	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	3,9	oval	32,4
18051248	RSCAFLFu	1x2x	0,35	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	4,3	oval	41,9
18050634	RSCAFLFu	1x2x	0,5	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	4,5	oval	46,8
18050635	RSCAFLFu	1x2x	0,75	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	5,0	oval	59,4
18050636	RSCAFLFu	1x2x	1	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	5,3	oval	67,1
18050637	RSCAFLFu	1x2x	1,5	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	5,6	oval	77,2
18050638	RSCAWsLWs	1x2x	0,22	Fiberglass	Fiberglass	3,4	oval	18,9
18051249	RSCAWsLWs	1x2x	0,25	Fiberglass	Fiberglass	3,5	oval	20,2
18051250	RSCAWsLWs	1x2x	0,35	Fiberglass	Fiberglass	3,9	oval	24,9
18050639	RSCAWsLWs	1x2x	0,5	Fiberglass	Fiberglass	4,1	oval	29,2
18050640	RSCAWsLWs	1x2x	0,75	Fiberglass	Fiberglass	4,6	oval	38,2
18050641	RSCAWsLWs	1x2x	1	Fiberglass	Fiberglass	4,9	oval	44,9
18048912	RSCAWsLWs	1x2x	1,5	Fiberglass	Fiberglass	5,2	oval	55,7
18050642	RSCAWsLWsek	1x2x	0,22	Fiberglass	Fiberglass / Tinned copper wires	4,0	oval	30,5
18051251	RSCAWsLWsek	1x2x	0,25	Fiberglass	Fiberglass / Tinned copper wires	4,1	oval	31,8
18051252	RSCAWsLWsek	1x2x	0,35	Fiberglass	Fiberglass / Tinned copper wires	4,5	oval	40,3
18050643	RSCAWsLWsek	1x2x	0,5	Fiberglass	Fiberglass / Tinned copper wires	4,7	oval	44,6
18050644	RSCAWsLWsek	1x2x	0,75	Fiberglass	Fiberglass / Tinned copper wires	5,2	oval	53,6
18050645	RSCAWsLWsek	1x2x	1	Fiberglass	Fiberglass / Tinned copper wires	5,5	oval	60,3
18050646	RSCAWsLWsek	1x2x	1,5	Fiberglass	Fiberglass / Tinned copper wires	5,8	oval	71,1
18050647	RSCAWsLWsu	1x2x	0,22	Fiberglass	Fiberglass / Galvanized steel wires	4,2	oval	31,0
18051253	RSCAWsLWsu	1x2x	0,25	Fiberglass	Fiberglass / Galvanized steel wires	4,3	oval	32,3
18051254	RSCAWsLWsu	1x2x	0,35	Fiberglass	Fiberglass / Galvanized steel wires	4,7	oval	36,9
18050648	RSCAWsLWsu	1x2x	0,5	Fiberglass	Fiberglass / Galvanized steel wires	4,9	oval	41,3
18050649	RSCAWsLWsu	1x2x	0,75	Fiberglass	Fiberglass / Galvanized steel wires	5,4	oval	56,4
18050650	RSCAWsLWsu	1x2x	1	Fiberglass	Fiberglass / Galvanized steel wires	5,7	oval	63,0
18048913	RSCAWsLWsu	1x2x	1,5	Fiberglass	Fiberglass / Galvanized steel wires	6,0	oval	79,9

# COMPENSATING CABLES

## BC

Part no.	Signature	Construction	Cross-sec [mm <sup>2</sup> ]	Core insulation	Sheath / Shield / Sheath	Outer Ø approx. mm	Form	Weight app. kg/km
18050537	BCYcLYc	1x2x	0,22	PVC heat resistant	PVC heat resistant	3,8	round	20,3
18051279	BCYcLYc	1x2x	0,25	PVC heat resistant	PVC heat resistant	3,9	round	21,7
18051280	BCYcLYc	1x2x	0,35	PVC heat resistant	PVC heat resistant	4,9	round	33,0
18050538	BCYcLYc	1x2x	0,5	PVC heat resistant	PVC heat resistant	5,1	round	38,0
18050539	BCYcLYc	1x2x	0,75	PVC heat resistant	PVC heat resistant	6,2	round	56,7
18050540	BCYcLYc	1x2x	1	PVC heat resistant	PVC heat resistant	6,5	round	64,7
18050541	BCYcLYc	1x2x	1,5	PVC heat resistant	PVC heat resistant	7,4	round	87,3
18050542	BCYcLYcek	1x2x	0,22	PVC heat resistant	PVC heat resistant / Tinned copper wires	4,4	round	35,7
18051281	BCYcLYcek	1x2x	0,25	PVC heat resistant	PVC heat resistant / Tinned copper wires	4,5	round	37,1
18051282	BCYcLYcek	1x2x	0,35	PVC heat resistant	PVC heat resistant / Tinned copper wires	5,5	round	48,4
18050543	BCYcLYcek	1x2x	0,5	PVC heat resistant	PVC heat resistant / Tinned copper wires	5,7	round	58,5
18050544	BCYcLYcek	1x2x	0,75	PVC heat resistant	PVC heat resistant / Tinned copper wires	6,8	round	77,2
18050545	BCYcLYcek	1x2x	1	PVC heat resistant	PVC heat resistant / Tinned copper wires	7,1	round	87,7
18050546	BCYcLYcek	1x2x	1,5	PVC heat resistant	PVC heat resistant / Tinned copper wires	8,0	round	114,2
18050547	BCYcLYcu	1x2x	0,22	PVC heat resistant	PVC heat resistant / Galvanized steel wires	4,6	round	36,4
18051283	BCYcLYcu	1x2x	0,25	PVC heat resistant	PVC heat resistant / Galvanized steel wires	4,7	round	37,8
18051284	BCYcLYcu	1x2x	0,35	PVC heat resistant	PVC heat resistant / Galvanized steel wires	5,7	round	53,2
18050548	BCYcLYcu	1x2x	0,5	PVC heat resistant	PVC heat resistant / Galvanized steel wires	5,9	round	56,1
18050549	BCYcLYcu	1x2x	0,75	PVC heat resistant	PVC heat resistant / Galvanized steel wires	7,0	round	80,8
18050550	BCYcLYcu	1x2x	1	PVC heat resistant	PVC heat resistant / Galvanized steel wires	7,3	round	94,9
18050551	BCYcLYcu	1x2x	1,5	PVC heat resistant	PVC heat resistant / Galvanized steel wires	8,2	round	123,5
18050552	BCSiLSi	1x2x	0,22	Silicone	Silicone	3,8	round	19,7
18051285	BCSiLSi	1x2x	0,25	Silicone	Silicone	3,9	round	21,0
18051286	BCSiLSi	1x2x	0,35	Silicone	Silicone	4,9	round	32,0
18050553	BCSiLSi	1x2x	0,5	Silicone	Silicone	5,1	round	36,8
18050554	BCSiLSi	1x2x	0,75	Silicone	Silicone	6,2	round	55,0
18050555	BCSiLSi	1x2x	1	Silicone	Silicone	6,5	round	62,8
18050556	BCSiLSi	1x2x	1,5	Silicone	Silicone	7,4	round	84,9
18050557	BCSiLSiek	1x2x	0,22	Silicone	Silicone / Tinned copper wires	4,4	round	35,1
18051287	BCSiLSiek	1x2x	0,25	Silicone	Silicone / Tinned copper wires	4,5	round	36,4
18051288	BCSiLSiek	1x2x	0,35	Silicone	Silicone / Tinned copper wires	5,5	round	47,4
18050558	BCSiLSiek	1x2x	0,5	Silicone	Silicone / Tinned copper wires	5,7	round	57,4
18050559	BCSiLSiek	1x2x	0,75	Silicone	Silicone / Tinned copper wires	6,8	round	75,5
18050560	BCSiLSiek	1x2x	1	Silicone	Silicone / Tinned copper wires	7,1	round	85,9
18050561	BCSiLSiek	1x2x	1,5	Silicone	Silicone / Tinned copper wires	8,0	round	111,9
18050562	BCSiLSiu	1x2x	0,22	Silicone	Silicone / Galvanized steel wires	4,6	round	35,8
18051289	BCSiLSiu	1x2x	0,25	Silicone	Silicone / Galvanized steel wires	4,7	round	37,1
18051290	BCSiLSiu	1x2x	0,35	Silicone	Silicone / Galvanized steel wires	5,7	round	52,1
18050563	BCSiLSiu	1x2x	0,5	Silicone	Silicone / Galvanized steel wires	5,9	round	55,0
18050564	BCSiLSiu	1x2x	0,75	Silicone	Silicone / Galvanized steel wires	7,0	round	79,1
18050565	BCSiLSiu	1x2x	1	Silicone	Silicone / Galvanized steel wires	7,3	round	93,0
18050566	BCSiLSiu	1x2x	1,5	Silicone	Silicone / Galvanized steel wires	8,2	round	121,2
18049487	BCSiLekfu	1x2x	0,22	Silicone	Folia estrofolowa / Galvanized steel wires	3,6	round	24,0
18050567	BCFLF	1x2x	0,22	Fluoropolymer material FEP	Fluoropolymer material FEP	3,0	oval	18,8
18051291	BCFLF	1x2x	0,25	Fluoropolymer material FEP	Fluoropolymer material FEP	3,1	oval	20,3
18051292	BCFLF	1x2x	0,35	Fluoropolymer material FEP	Fluoropolymer material FEP	3,5	oval	25,7
18050568	BCFLF	1x2x	0,5	Fluoropolymer material FEP	Fluoropolymer material FEP	3,7	oval	30,7
18050569	BCFLF	1x2x	0,75	Fluoropolymer material FEP	Fluoropolymer material FEP	4,2	oval	41,3
18050570	BCFLF	1x2x	1	Fluoropolymer material FEP	Fluoropolymer material FEP	4,5	oval	49,0
18050571	BCFLF	1x2x	1,5	Fluoropolymer material FEP	Fluoropolymer material FEP	4,8	oval	61,1
18050572	BCFLFek	1x2x	0,22	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	3,6	oval	30,4
18051293	BCFLFek	1x2x	0,25	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	3,7	oval	31,9
18051294	BCFLFek	1x2x	0,35	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	4,1	oval	41,1
18050573	BCFLFek	1x2x	0,5	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	4,3	oval	46,0
18050574	BCFLFek	1x2x	0,75	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	4,8	oval	56,7
18050575	BCFLFek	1x2x	1	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	5,1	oval	64,4
18050576	BCFLFek	1x2x	1,5	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	5,4	oval	76,5
18050577	BCFLFu	1x2x	0,22	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	3,8	oval	30,9
18051295	BCFLFu	1x2x	0,25	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	3,9	oval	32,4
18051296	BCFLFu	1x2x	0,35	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	4,3	oval	41,9
18050578	BCFLFu	1x2x	0,5	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	4,5	oval	46,8
18050579	BCFLFu	1x2x	0,75	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	5,0	oval	59,4
18050580	BCFLFu	1x2x	1	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	5,3	oval	67,1
18050581	BCFLFu	1x2x	1,5	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	5,6	oval	77,2
18050582	BCWslWs	1x2x	0,22	Fiberglass	Fiberglass	3,4	oval	18,9
18051297	BCWslWs	1x2x	0,25	Fiberglass	Fiberglass	3,5	oval	20,2
18051298	BCWslWs	1x2x	0,35	Fiberglass	Fiberglass	3,9	oval	24,9
18050583	BCWslWs	1x2x	0,5	Fiberglass	Fiberglass	4,1	oval	29,2
18050584	BCWslWs	1x2x	0,75	Fiberglass	Fiberglass	4,6	oval	38,2
18050585	BCWslWs	1x2x	1	Fiberglass	Fiberglass	4,9	oval	44,9
18050586	BCWslWs	1x2x	1,5	Fiberglass	Fiberglass	5,2	oval	55,7
18050587	BCWslWsek	1x2x	0,22	Fiberglass	Fiberglass / Tinned copper wires	4,0	oval	30,5
18051299	BCWslWsek	1x2x	0,25	Fiberglass	Fiberglass / Tinned copper wires	4,1	oval	31,8
18050953	BCWslWsek	1x2x	0,35	Fiberglass	Fiberglass / Tinned copper wires	4,5	oval	40,2
18050588	BCWslWsek	1x2x	0,5	Fiberglass	Fiberglass / Tinned copper wires	4,7	oval	44,6
18050589	BCWslWsek	1x2x	0,75	Fiberglass	Fiberglass / Tinned copper wires	5,2	oval	53,6
18050590	BCWslWsek	1x2x	1	Fiberglass	Fiberglass / Tinned copper wires	5,5	oval	60,3
18050591	BCWslWsek	1x2x	1,5	Fiberglass	Fiberglass / Tinned copper wires	5,8	oval	71,1
18050592	BCWslWsu	1x2x	0,22	Fiberglass	Fiberglass / Galvanized steel wires	4,2	oval	31,0
18050954	BCWslWsu	1x2x	0,25	Fiberglass	Fiberglass / Galvanized steel wires	4,3	oval	32,3
18050955	BCWslWsu	1x2x	0,35	Fiberglass	Fiberglass / Galvanized steel wires	4,7	oval	36,9
18050593	BCWslWsu	1x2x	0,5	Fiberglass	Fiberglass / Galvanized steel wires	4,9	oval	41,3
18050594	BCWslWsu	1x2x	0,75	Fiberglass	Fiberglass / Galvanized steel wires	5,4	oval	56,3
18050595	BCWslWsu	1x2x	1	Fiberglass	Fiberglass / Galvanized steel wires	5,7	oval	63,0
18050596	BCWslWsu	1x2x	1,5	Fiberglass	Fiberglass / Galvanized steel wires	6,0	oval	79,9

# NC

Part no.	Signature	Construction	Cross-sec [mm <sup>2</sup> ]	Core insulation	Sheath / Shield / Sheath	Outer Ø approx. mm	Form	Weight app. kg/km
18050956	NCYcLYc	1x2x	0,22	PVC heat resistant	PVC heat resistant	3,8	round	20,3
18050957	NCYcLYc	1x2x	0,25	PVC heat resistant	PVC heat resistant	3,9	round	21,7
18050958	NCYcLYc	1x2x	0,35	PVC heat resistant	PVC heat resistant	4,9	round	33,0
18050959	NCYcLYc	1x2x	0,5	PVC heat resistant	PVC heat resistant	5,1	round	38,0
18050961	NCYcLYc	1x2x	0,75	PVC heat resistant	PVC heat resistant	6,2	round	56,7
18050962	NCYcLYc	1x2x	1	PVC heat resistant	PVC heat resistant	6,5	round	64,7
18050963	NCYcLYc	1x2x	1,5	PVC heat resistant	PVC heat resistant	7,4	round	87,3
18050972	NCYcLYcek	1x2x	0,22	PVC heat resistant	PVC heat resistant / Tinned copper wires	4,4	round	35,7
18050976	NCYcLYcek	1x2x	0,25	PVC heat resistant	PVC heat resistant / Tinned copper wires	4,5	round	37,1
18050977	NCYcLYcek	1x2x	0,35	PVC heat resistant	PVC heat resistant / Tinned copper wires	5,5	round	48,4
18050979	NCYcLYcek	1x2x	0,5	PVC heat resistant	PVC heat resistant / Tinned copper wires	5,7	round	58,5
18050980	NCYcLYcek	1x2x	0,75	PVC heat resistant	PVC heat resistant / Tinned copper wires	6,8	round	77,2
18050981	NCYcLYcek	1x2x	1	PVC heat resistant	PVC heat resistant / Tinned copper wires	7,1	round	87,7
18050982	NCYcLYcek	1x2x	1,5	PVC heat resistant	PVC heat resistant / Tinned copper wires	8,0	round	114,2
18050983	NCYcLYcu	1x2x	0,22	PVC heat resistant	PVC heat resistant / Galvanized steel wires	4,6	round	36,4
18051682	NCYcLYcu	1x2x	0,25	PVC heat resistant	PVC heat resistant / Galvanized steel wires	4,7	round	37,8
18051683	NCYcLYcu	1x2x	0,35	PVC heat resistant	PVC heat resistant / Galvanized steel wires	5,7	round	53,2
18051684	NCYcLYcu	1x2x	0,5	PVC heat resistant	PVC heat resistant / Galvanized steel wires	5,9	round	56,1
18051685	NCYcLYcu	1x2x	0,75	PVC heat resistant	PVC heat resistant / Galvanized steel wires	7,0	round	80,8
18051686	NCYcLYcu	1x2x	1	PVC heat resistant	PVC heat resistant / Galvanized steel wires	7,3	round	94,9
18051687	NCYcLYcu	1x2x	1,5	PVC heat resistant	PVC heat resistant / Galvanized steel wires	8,2	round	123,5
18051688	NCSiLSi	1x2x	0,22	Silicone	Silicone	3,8	round	19,7
18051689	NCSiLSi	1x2x	0,25	Silicone	Silicone	3,9	round	21,0
18051690	NCSiLSi	1x2x	0,35	Silicone	Silicone	4,9	round	32,0
18051691	NCSiLSi	1x2x	0,5	Silicone	Silicone	5,1	round	36,8
18051692	NCSiLSi	1x2x	0,75	Silicone	Silicone	6,2	round	55,0
18051693	NCSiLSi	1x2x	1	Silicone	Silicone	6,5	round	62,8
18051694	NCSiLSi	1x2x	1,5	Silicone	Silicone	7,4	round	84,9
18051695	NCSiLSiek	1x2x	0,22	Silicone	Silicone / Tinned copper wires	4,4	round	35,1
18051696	NCSiLSiek	1x2x	0,25	Silicone	Silicone / Tinned copper wires	4,5	round	36,4
18051697	NCSiLSiek	1x2x	0,35	Silicone	Silicone / Tinned copper wires	5,5	round	47,4
18051698	NCSiLSiek	1x2x	0,5	Silicone	Silicone / Tinned copper wires	5,7	round	57,4
18051699	NCSiLSiek	1x2x	0,75	Silicone	Silicone / Tinned copper wires	6,8	round	75,5
18051700	NCSiLSiek	1x2x	1	Silicone	Silicone / Tinned copper wires	7,1	round	85,9
18051701	NCSiLSiek	1x2x	1,5	Silicone	Silicone / Tinned copper wires	8,0	round	111,9
18051702	NCSiLSiu	1x2x	0,22	Silicone	Silicone / Galvanized steel wires	4,6	round	35,8
18051703	NCSiLSiu	1x2x	0,25	Silicone	Silicone / Galvanized steel wires	4,7	round	37,1
18051704	NCSiLSiu	1x2x	0,35	Silicone	Silicone / Galvanized steel wires	5,7	round	52,1
18051705	NCSiLSiu	1x2x	0,5	Silicone	Silicone / Galvanized steel wires	5,9	round	55,0
18051706	NCSiLSiu	1x2x	0,75	Silicone	Silicone / Galvanized steel wires	7,0	round	79,1
18051707	NCSiLSiu	1x2x	1	Silicone	Silicone / Galvanized steel wires	7,3	round	93,0
18051708	NCSiLSiu	1x2x	1,5	Silicone	Silicone / Galvanized steel wires	8,2	round	121,2
18049005	NCsilekSi	1x2x	0,22	Silicone	Tinned copper wires / Silicone	4,4	round	32,5
18051709	NCFLF	1x2x	0,22	Fluoropolymer material FEP	Fluoropolymer material FEP	3,0	oval	18,8
18051710	NCFLF	1x2x	0,25	Fluoropolymer material FEP	Fluoropolymer material FEP	3,1	oval	20,3
18051711	NCFLF	1x2x	0,35	Fluoropolymer material FEP	Fluoropolymer material FEP	3,5	oval	25,7
18051712	NCFLF	1x2x	0,5	Fluoropolymer material FEP	Fluoropolymer material FEP	3,7	oval	30,7
18051713	NCFLF	1x2x	0,75	Fluoropolymer material FEP	Fluoropolymer material FEP	4,2	oval	41,3
18051714	NCFLF	1x2x	1	Fluoropolymer material FEP	Fluoropolymer material FEP	4,5	oval	49,0
18051715	NCFLF	1x2x	1,5	Fluoropolymer material FEP	Fluoropolymer material FEP	4,8	oval	61,1
18051716	NCFLFek	1x2x	0,22	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	3,6	oval	30,4
18051717	NCFLFek	1x2x	0,25	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	3,7	oval	31,9
18051718	NCFLFek	1x2x	0,35	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	4,1	oval	41,1
18051719	NCFLFek	1x2x	0,5	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	4,3	oval	46,0
18051720	NCFLFek	1x2x	0,75	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	4,8	oval	56,7
18051721	NCFLFek	1x2x	1	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	5,1	oval	64,4
18051722	NCFLFek	1x2x	1,5	Fluoropolymer material FEP	Fluoropolymer material FEP / Tinned copper wires	5,4	oval	76,5
18051723	NCFLFu	1x2x	0,22	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	3,8	oval	30,9
18051724	NCFLFu	1x2x	0,25	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	3,9	oval	32,4
18051725	NCFLFu	1x2x	0,35	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	4,3	oval	41,9
18051726	NCFLFu	1x2x	0,5	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	4,5	oval	46,8
18051727	NCFLFu	1x2x	0,75	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	5,0	oval	59,4
18051728	NCFLFu	1x2x	1	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	5,3	oval	67,1
18051729	NCFLFu	1x2x	1,5	Fluoropolymer material FEP	Fluoropolymer material FEP / Galvanized steel wires	5,6	oval	77,2
18051730	NCWslWs	1x2x	0,22	Fiberglass	Fiberglass	3,4	oval	18,9
18051731	NCWslWs	1x2x	0,25	Fiberglass	Fiberglass	3,5	oval	20,2
18051732	NCWslWs	1x2x	0,35	Fiberglass	Fiberglass	3,9	oval	24,9
18051733	NCWslWs	1x2x	0,5	Fiberglass	Fiberglass	4,1	oval	29,2
18051734	NCWslWs	1x2x	0,75	Fiberglass	Fiberglass	4,6	oval	38,2
18051735	NCWslWs	1x2x	1	Fiberglass	Fiberglass	4,9	oval	44,9
18051736	NCWslWs	1x2x	1,5	Fiberglass	Fiberglass	5,2	oval	55,7
18051737	NCWslWsek	1x2x	0,22	Fiberglass	Fiberglass / Tinned copper wires	4,0	oval	30,5
18051738	NCWslWsek	1x2x	0,25	Fiberglass	Fiberglass / Tinned copper wires	4,1	oval	31,8
18051739	NCWslWsek	1x2x	0,35	Fiberglass	Fiberglass / Tinned copper wires	4,5	oval	40,2
18051740	NCWslWsek	1x2x	0,5	Fiberglass	Fiberglass / Tinned copper wires	4,7	oval	44,6
18051741	NCWslWsek	1x2x	0,75	Fiberglass	Fiberglass / Tinned copper wires	5,2	oval	53,6
18051742	NCWslWsek	1x2x	1	Fiberglass	Fiberglass / Tinned copper wires	5,5	oval	60,3
18051743	NCWslWsek	1x2x	1,5	Fiberglass	Fiberglass / Tinned copper wires	5,8	oval	71,1
18051744	NCWslWsu	1x2x	0,22	Fiberglass	Fiberglass / Galvanized steel wires	4,2	oval	31,0
18051745	NCWslWsu	1x2x	0,25	Fiberglass	Fiberglass / Galvanized steel wires	4,3	oval	32,3
18051746	NCWslWsu	1x2x	0,35	Fiberglass	Fiberglass / Galvanized steel wires	4,7	oval	36,9
18051747	NCWslWsu	1x2x	0,5	Fiberglass	Fiberglass / Galvanized steel wires	4,9	oval	41,3
18051748	NCWslWsu	1x2x	0,75	Fiberglass	Fiberglass / Galvanized steel wires	5,4	oval	56,3
18051749	NCWslWsu	1x2x	1	Fiberglass	Fiberglass / Galvanized steel wires	5,7	oval	63,0
18051750	NCWslWsu	1x2x	1,5	Fiberglass	Fiberglass / Galvanized steel wires	6,0	oval	79,9

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