

# Compensating Cables

Part No.	Thermo-pair materials to DIN 43713	Thermo-pair Type	Type	Core insulation	Jacket/Armouring/Jacket	Outer ø ca. mm	Form	Temperature range of insulation °C	Temperature range at installation °C	Min. bending radius .x cable ø	Weight ca. kg/km
<b>Multi-paired: 16 pairs (32 x 1,5 mm<sup>2</sup>) (L = stranded wires, conductor make-up 48 x 0,20 mm; M = solid conductor, diameter 1,38 mm)</b>											
48397	Fe-CuNi (Ko)	L	AE 9-32 LSY	PVC		26,1	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	7,5	1141
48398	SoNiCr-SoNi	K	AN 9-32 LSY	PVC	PVC/galv. steel wire braiding/ PVC	26,1	round			7,5	1141
48399	SoPtRh-SoPt	S	AP 9-32 LSY	PVC		26,1	round			7,5	1141
48400	Cu-CuNi (Ko)	U	AC 9-32 LSY	PVC		26,1	round			7,5	1141
48401	Fe-CuNi (Ko)	L	AE 9-32 MSY	PVC		25,3	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	12	1130
48402	SoNiCr-SoNi	K	AN 9-32 MSY	PVC	PVC/galv. steel wire braiding/ PVC	25,3	round			12	1130
48403	SoPtRh-SoPt	S	AP 9-32 MSY	PVC		25,3	round			12	1130
48404	Cu-CuNi (Ko)	U	AC 9-32 MSY	PVC		25,3	round			12	1130
48405	Fe-CuNi (Ko)	L	AE 20-32 M	PVC	PETP-tape/ Cu-ground wire bare 0,5 mm ø/ Alu-tape/ PVC	25,1	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	12	847
48406	SoNiCr-SoNi	K	AN 20-32 M	PVC		25,1	round			12	847
48407	SoPtRh-SoPt	S	AP 20-32 M	PVC		25,1	round			12	847
48408	Cu-CuNi (Ko)	U	AC 20-32 M	PVC		25,1	round			12	847
<b>Multi-paired: 18 pairs (36 x 1,5 mm<sup>2</sup>) (L = stranded wires, conductor make-up 48 x 0,20 mm; M = solid conductor, diameter 1,38 mm)</b>											
48130	Fe-CuNi (Ko)	L	AE 9-36 L	PVC	PVC	22,1	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	7,5	904
48132	SoNiCr-SoNi	K	AN 9-36 L	PVC	PVC	22,1	round			7,5	904
48133	SoPtRh-SoPt	S	AP 9-36 L	PVC	PVC	22,1	round			7,5	904
48409	Cu-CuNi (Ko)	U	AC 9-36 L	PVC	PVC	22,1	round			7,5	904
48494	Fe-CuNi	J	AF 9-36 L	PVC	PVC	22,1	round			7,5	904
48410	Fe-CuNi (Ko)	L	AE 9-36 LS	PVC		23,3	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	7,5	1040
48411	SoNiCr-SoNi	K	AN 9-36 LS	PVC	PVC/galv. steel wire braiding	23,3	round			7,5	1040
48412	SoPtRh-SoPt	S	AP 9-36 LS	PVC		23,3	round			7,5	1040
48413	Cu-CuNi (Ko)	U	AC 9-36 LS	PVC		23,3	round			7,5	1040
48167	Fe-CuNi (Ko)	L	AE 9-36 LSY	PVC		27,3	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	7,5	1268
48169	SoNiCr-SoNi	K	AN 9-36 LSY	PVC	PVC/galv. steel wire braiding/ PVC	27,3	round			7,5	1268
48170	SoPtRh-SoPt	S	AP 9-36 LSY	PVC		27,3	round			7,5	1268
48414	Cu-CuNi (Ko)	U	AC 9-36 LSY	PVC		27,3	round			7,5	1268
48415	Fe-CuNi (Ko)	L	AE 9-36 MSY	PVC		26,1	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	12	1232
48416	SoNiCr-SoNi	K	AN 9-36 MSY	PVC	PVC/galv. steel wire braiding/ PVC	26,1	round			12	1232
48417	SoPtRh-SoPt	S	AP 9-36 MSY	PVC		26,1	round			12	1232
48418	Cu-CuNi (Ko)	U	AC 9-36 MSY	PVC		26,1	round			12	1232
48419	Fe-CuNi (Ko)	L	AE 20-36 M	PVC	PETP-tape/ Cu-ground wire bare 0,5 mm ø/ Alu-tape/ PVC	26,0	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	12	944
48420	SoNiCr-SoNi	K	AN 20-36 M	PVC		26,0	round			12	944
48421	SoPtRh-SoPt	S	AP 20-36 M	PVC		26,0	round			12	944
48422	Cu-CuNi (Ko)	U	AC 20-36 M	PVC		26,0	round			12	944
<b>Multi-paired: 19 pairs (38 x 1,5 mm<sup>2</sup>) (L = stranded wires, conductor make-up 48 x 0,20 mm)</b>											
48134	Fe-CuNi (Ko)	L	AE 9-38 L	PVC	PVC	22,5	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	7,5	937
48135	SoNiCr-SoNi	K	AN 9-38 L	PVC	PVC	22,5	round			7,5	937
48136	SoPtRh-SoPt	S	AP 9-38 L	PVC	PVC	22,5	round			7,5	937
48423	Cu-CuNi (Ko)	U	AC 9-38 L	PVC	PVC	22,5	round			7,5	937
48171	Fe-CuNi (Ko)	L	AE 9-38 LSY	PVC		26,5	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	7,5	1340
48172	SoNiCr-SoNi	K	AN 9-38 LSY	PVC	PVC/galv. steel wire braiding/ PVC	26,5	round			7,5	1340
48173	SoPtRh-SoPt	S	AP 9-38 LSY	PVC		26,5	round			7,5	1340
48424	Cu-CuNi (Ko)	U	AC 9-38 LSY	PVC		26,5	round			7,5	1340
<b>Multi-paired: 20 pairs (40 x 1,5 mm<sup>2</sup>) (L = stranded wires, conductor make-up 48 x 0,20 mm; M = solid conductor, diameter 1,38 mm)</b>											
48425	Fe-CuNi (Ko)	L	AE 9-40 L	PVC	PVC	24,1	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	7,5	1032
48426	SoNiCr-SoNi	K	AN 9-40 L	PVC	PVC	24,1	round			7,5	1032
48427	SoPtRh-SoPt	S	AP 9-40 L	PVC	PVC	24,1	round			7,5	1032
48428	Cu-CuNi (Ko)	U	AC 9-40 L	PVC	PVC	24,1	round			7,5	1032
48429	Fe-CuNi (Ko)	L	AE 9-40 LS	PVC		25,3	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	7,5	1200
48430	SoNiCr-SoNi	K	AN 9-40 LS	PVC	PVC/galv. steel wire braiding	25,3	round			7,5	1200
48431	SoPtRh-SoPt	S	AP 9-40 LS	PVC		25,3	round			7,5	1200
48432	Cu-CuNi (Ko)	U	AC 9-40 LS	PVC		25,3	round			7,5	1200
48433	Fe-CuNi (Ko)	L	AE 9-40 LSY	PVC		29,3	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	7,5	1446
48434	SoNiCr-SoNi	K	AN 9-40 LSY	PVC	PVC/galv. steel wire braiding/ PVC	29,3	round			7,5	1446
48435	SoPtRh-SoPt	S	AP 9-40 LSY	PVC		29,3	round			7,5	1446
48436	Cu-CuNi (Ko)	U	AC 9-40 LSY	PVC		29,3	round			7,5	1446
48437	Fe-CuNi (Ko)	L	AE 9-40 MSY	PVC		28,0	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	12	1381
48438	SoNiCr-SoNi	K	AN 9-40 MSY	PVC	PVC/galv. steel wire braiding/ PVC	28,0	round			12	1381
48439	SoPtRh-SoPt	S	AP 9-40 MSY	PVC		28,0	round			12	1381
48440	Cu-CuNi (Ko)	U	AC 9-40 MSY	PVC		28,0	round			12	1381
48441	Fe-CuNi (Ko)	L	AE 20-40 M	PVC	PETP-tape/ Cu-ground wire bare 0,5 mm ø/ Alu-tape/ PVC	26,0	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	12	1001
48442	SoNiCr-SoNi	K	AN 20-40 M	PVC		26,0	round			12	1001
48443	SoPtRh-SoPt	S	AP 20-40 M	PVC		26,0	round			12	1001
48444	Cu-CuNi (Ko)	U	AC 20-40 M	PVC		26,0	round			12	1001

Continuation ▶

L = conductor of stranded wires  
M = solid conductor  
tin. = tinned  
galv. = galvanized