

# 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: 5 pairs (10 x 1,5 mm<sup>2</sup>) (L = stranded wires, conductor make-up 48 x 0,20 mm)</b>											
48109	Fe-CuNi (Ko)	L	AE 9-10 L	PVC	PVC	13,0	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	7,5	284
48110	SoNiCr-SoNi	K	AN 9-10 L	PVC	PVC	13,0	round			7,5	284
48111	SoPtRh-SoPt	S	AP 9-10 L	PVC	PVC	13,0	round			7,5	284
48327	Cu-CuNi (Ko)	U	AC 9-10 L	PVC	PVC	13,0	round			7,5	284
48486	Fe-CuNi	J	AF 9-10 L	PVC	PVC	13,0	round			7,5	284
48146	Fe-CuNi (Ko)	L	AE 9-10 LSY	PVC	PVC/galv. steel wire braiding/ PVC	16,5	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	7,5	475
48147	SoNiCr-SoNi	K	AN 9-10 LSY	PVC		16,5	round			7,5	475
48148	SoPtRh-SoPt	S	AP 9-10 LSY	PVC		16,5	round			7,5	475
48328	Cu-CuNi (Ko)	U	AC 9-10 LSY	PVC		16,5	round			7,5	475
<b>Multi-paired: 6 pairs (12 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>											
48112	Fe-CuNi (Ko)	L	AE 9-12 L	PVC	PVC	13,5	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	7,5	320
48113	SoNiCr-SoNi	K	AN 9-12 L	PVC	PVC	13,5	round			7,5	320
48114	SoPtRh-SoPt	S	AP 9-12 L	PVC	PVC	13,5	round			7,5	320
48329	Cu-CuNi (Ko)	U	AC 9-12 L	PVC	PVC	13,5	round			7,5	320
48487	Fe-CuNi	J	AF 9-12 L	PVC	PVC	13,5	round			7,5	320
48330	Fe-CuNi (Ko)	L	AE 9-12 LS	PVC	PVC/galv. steel wire braiding	14,2	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	7,5	384
48331	SoNiCr-SoNi	K	AN 9-12 LS	PVC		14,2	round			7,5	384
48332	SoPtRh-SoPt	S	AP 9-12 LS	PVC		14,2	round			7,5	384
48333	Cu-CuNi (Ko)	U	AC 9-12 LS	PVC		14,2	round			7,5	384
48149	Fe-CuNi (Ko)	L	AE 9-12 LSY	PVC	PVC/galv. steel wire braiding/ PVC	17,5	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	7,5	483
48150	SoNiCr-SoNi	K	AN 9-12 LSY	PVC		17,5	round			7,5	483
48151	SoPtRh-SoPt	S	AP 9-12 LSY	PVC		17,5	round			7,5	483
48334	Cu-CuNi (Ko)	U	AC 9-12 LSY	PVC		17,5	round			7,5	483
48335	Fe-CuNi (Ko)	L	AE 9-12 MSY	PVC	PVC/galv. steel wire braiding/ PVC	16,5	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	12	478
48336	SoNiCr-SoNi	K	AN 9-12 MSY	PVC		16,5	round			12	478
48337	SoPtRh-SoPt	S	AP 9-12 MSY	PVC		16,5	round			12	478
48338	Cu-CuNi (Ko)	U	AC 9-12 MSY	PVC		16,5	round			12	478
48339	Fe-CuNi (Ko)	L	AE 20-12 M	PVC	PETP-tape/ Cu-ground wire	16,3	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	12	362
48340	SoNiCr-SoNi	K	AN 20-12 M	PVC	bare 0,5 mm ø/ Alu-tape/ PVC	16,3	round			12	362
48341	SoPtRh-SoPt	S	AP 20-12 M	PVC	16,3	round	12			362	
48342	Cu-CuNi (Ko)	U	AC 20-12 M	PVC	16,3	round	12			362	
<b>Multi-paired: 7 pairs (14 x 1,5 mm<sup>2</sup>) (L = stranded wires, conductor make-up 48 x 0,20 mm)</b>											
48115	Fe-CuNi (Ko)	L	AE 9-14 L	PVC	PVC	14,5	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	7,5	396
48116	SoNiCr-SoNi	K	AN 9-14 L	PVC	PVC	14,5	round			7,5	396
48117	SoPtRh-SoPt	S	AP 9-14 L	PVC	PVC	14,5	round			7,5	396
48343	Cu-CuNi (Ko)	U	AC 9-14 L	PVC	PVC	14,5	round			7,5	396
48488	Fe-CuNi	J	AF 9-14 L	PVC	PVC	14,5	round			7,5	396
48152	Fe-CuNi (Ko)	L	AE 9-14 LSY	PVC	PVC/galv. steel wire braiding/ PVC	18,5	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	7,5	640
48153	SoNiCr-SoNi	K	AN 9-14 LSY	PVC		18,5	round			7,5	640
48154	SoPtRh-SoPt	S	AP 9-14 LSY	PVC		18,5	round			7,5	640
48344	Cu-CuNi (Ko)	U	AC 9-14 LSY	PVC		18,5	round			7,5	640
<b>Multi-paired: 8 pairs (16 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>											
48118	Fe-CuNi (Ko)	L	AE 9-16 L	PVC	PVC	15,1	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	7,5	419
48119	SoNiCr-SoNi	K	AN 9-16 L	PVC	PVC	15,1	round			7,5	419
48120	SoPtRh-SoPt	S	AP 9-16 L	PVC	PVC	15,1	round			7,5	419
48345	Cu-CuNi (Ko)	U	AC 9-16 L	PVC	PVC	15,1	round			7,5	419
48489	Fe-CuNi	J	AF 9-16 L	PVC	PVC	15,1	round			7,5	419
48346	Fe-CuNi (Ko)	L	AE 9-16 LS	PVC	PVC/galv. steel wire braiding	16,1	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	7,5	495
48347	SoNiCr-SoNi	K	AN 9-16 LS	PVC		16,1	round			7,5	495
48348	SoPtRh-SoPt	S	AP 9-16 LS	PVC		16,1	round			7,5	495
48349	Cu-CuNi (Ko)	U	AC 9-16 LS	PVC		16,1	round			7,5	495
48155	Fe-CuNi (Ko)	L	AE 9-16 LSY	PVC	PVC/galv. steel wire braiding/ PVC	19,3	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	7,5	623
48156	SoNiCr-SoNi	K	AN 9-16 LSY	PVC		19,3	round			7,5	623
48157	SoPtRh-SoPt	S	AP 9-16 LSY	PVC		19,3	round			7,5	623
48350	Cu-CuNi (Ko)	U	AC 9-16 LSY	PVC		19,3	round			7,5	623
48351	Fe-CuNi (Ko)	L	AE 9-16 MSY	PVC	PVC/galv. steel wire braiding/ PVC	18,7	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	12	616
48352	SoNiCr-SoNi	K	AN 9-16 MSY	PVC		18,7	round			12	616
48353	SoPtRh-SoPt	S	AP 9-16 MSY	PVC		18,7	round			12	616
48354	Cu-CuNi (Ko)	U	AC 9-16 MSY	PVC		18,7	round			12	616
48355	Fe-CuNi (Ko)	L	AE 20-16 M	PVC	PETP-tape/ Cu-ground wire	16,8	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	12	423
48356	SoNiCr-SoNi	K	AN 20-16 M	PVC	bare 0,5 mm ø/ Alu-tape/ PVC	16,8	round			12	423
48357	SoPtRh-SoPt	S	AP 20-16 M	PVC	16,8	round	12			423	
48358	Cu-CuNi (Ko)	U	AC 20-16 M	PVC	16,8	round	12			423	

Continuation ▶

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