

# 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
Multi-paired: 9 pairs (18 x 1,5 mm²) (L = stranded wires, conductor make-up 48 x 0,20 mm)											
48121	Fe-CuNi (Ko)	L	AE 9-18 L	PVC	PVC	16,5	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	7,5	480
48122	SoNiCr-SoNi	K	AN 9-18 L	PVC	PVC	16,5	round			7,5	480
48123	SoPtRh-SoPt	S	AP 9-18 L	PVC	PVC	16,5	round			7,5	480
48359	Cu-CuNi (Ko)	U	AC 9-18 L	PVC	PVC	16,5	round			7,5	480
48490	Fe-CuNi	J	AF 9-18 L	PVC	PVC	16,5	round			7,5	480
48158	Fe-CuNi (Ko)	L	AE 9-18 LSY	PVC	PVC/galv. steel wire braiding/ PVC	20,5	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	7,5	758
48159	SoNiCr-SoNi	K	AN 9-18 LSY	PVC		20,5	round			7,5	758
48160	SoPtRh-SoPt	S	AP 9-18 LSY	PVC		20,5	round			7,5	758
48360	Cu-CuNi (Ko)	U	AC 9-18 LSY	PVC		20,5	round			7,5	758
Multi-paired: 10 pairs (20 x 1,5 mm²) (L = stranded wires, conductor make-up 48 x 0,20 mm; M = solid conductor, diameter 1,38 mm)											
48124	Fe-CuNi (Ko)	L	AE 9-20 L	PVC	PVC	16,7	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	7,5	520
48125	SoNiCr-SoNi	K	AN 9-20 L	PVC	PVC	16,7	round			7,5	520
48126	SoPtRh-SoPt	S	AP 9-20 L	PVC	PVC	16,7	round			7,5	520
48361	Cu-CuNi (Ko)	U	AC 9-20 L	PVC	PVC	16,7	round			7,5	520
48491	Fe-CuNi	J	AF 9-20 L	PVC	PVC	16,7	round			7,5	520
48362	Fe-CuNi (Ko)	L	AE 9-20 LS	PVC	PVC/galv. steel wire braiding	17,7	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	7,5	613
48363	SoNiCr-SoNi	K	AN 9-20 LS	PVC		17,7	round			7,5	613
48364	SoPtRh-SoPt	S	AP 9-20 LS	PVC		17,7	round			7,5	613
48365	Cu-CuNi (Ko)	U	AC 9-20 LS	PVC		17,7	round			7,5	613
48161	Fe-CuNi (Ko)	L	AE 9-20 LSY	PVC	PVC/galv. steel wire braiding/ PVC	20,9	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	7,5	752
48162	SoNiCr-SoNi	K	AN 9-20 LSY	PVC		20,9	round			7,5	752
48163	SoPtRh-SoPt	S	AP 9-20 LSY	PVC		20,9	round			7,5	752
48366	Cu-CuNi (Ko)	U	AC 9-20 LSY	PVC		20,9	round			7,5	752
48367	Fe-CuNi (Ko)	L	AE 9-20 MSY	PVC	PVC/galv. steel wire braiding/ PVC	20,3	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	12	744
48368	SoNiCr-SoNi	K	AN 9-20 MSY	PVC		20,3	round			12	744
48369	SoPtRh-SoPt	S	AP 9-20 MSY	PVC		20,3	round			12	744
48370	Cu-CuNi (Ko)	U	AC 9-20 MSY	PVC		20,3	round			12	744
48371	Fe-CuNi (Ko)	L	AE 20-20 M	PVC	PETP-tape/ Cu-ground wire bare 0,5 mm ø/ Alu-tape/ PVC	20,3	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	12	542
48372	SoNiCr-SoNi	K	AN 20-20 M	PVC		20,3	round			12	542
48373	SoPtRh-SoPt	S	AP 20-20 M	PVC		20,3	round			12	542
48374	Cu-CuNi (Ko)	U	AC 20-20 M	PVC		20,3	round			12	542
Multi-paired: 12 pairs (24 x 1,5 mm²) (L = stranded wires, conductor make-up 48 x 0,20 mm; M = solid conductor, diameter 1,38 mm)											
48127	Fe-CuNi (Ko)	L	AE 9-24 L	PVC	PVC	19,0	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	7,5	614
48128	SoNiCr-SoNi	K	AN 9-24 L	PVC	PVC	19,0	round			7,5	614
48129	SoPtRh-SoPt	S	AP 9-24 L	PVC	PVC	19,0	round			7,5	614
48375	Cu-CuNi (Ko)	U	AC 9-24 L	PVC	PVC	19,0	round			7,5	614
48492	Fe-CuNi	J	AF 9-24 L	PVC	PVC	19,0	round			7,5	614
48376	Fe-CuNi (Ko)	L	AE 9-24 LS	PVC	PVC/galv. steel wire braiding	20,2	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	7,5	738
48377	SoNiCr-SoNi	K	AN 9-24 LS	PVC		20,2	round			7,5	738
48378	SoPtRh-SoPt	S	AP 9-24 LS	PVC		20,2	round			7,5	738
48379	Cu-CuNi (Ko)	U	AC 9-24 LS	PVC		20,2	round			7,5	738
48164	Fe-CuNi (Ko)	L	AE 9-24 LSY	PVC	PVC/galv. steel wire braiding/ PVC	24,2	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	7,5	938
48165	SoNiCr-SoNi	K	AN 9-24 LSY	PVC		24,2	round			7,5	938
48166	SoPtRh-SoPt	S	AP 9-24 LSY	PVC		24,2	round			7,5	938
48380	Cu-CuNi (Ko)	U	AC 9-24 LSY	PVC		24,2	round			7,5	938
48381	Fe-CuNi (Ko)	L	AE 9-24 MSY	PVC	PVC/galv. steel wire braiding/ PVC	23,1	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	12	907
48382	SoNiCr-SoNi	K	AN 9-24 MSY	PVC		23,1	round			12	907
48383	SoPtRh-SoPt	S	AP 9-24 MSY	PVC		23,1	round			12	907
48384	Cu-CuNi (Ko)	U	AC 9-24 MSY	PVC		23,1	round			12	907
48385	Fe-CuNi (Ko)	L	AE 20-24 M	PVC	PETP-tape/ Cu-ground wire bare 0,5 mm ø/ Alu-tape/ PVC	22,5	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	12	638
48386	SoNiCr-SoNi	K	AN 20-24 M	PVC		22,5	round			12	638
48387	SoPtRh-SoPt	S	AP 20-24 M	PVC		22,5	round			12	638
48388	Cu-CuNi (Ko)	U	AC 20-24 M	PVC		22,5	round			12	638
Multi-paired: 16 pairs (32 x 1,5 mm²) (L = stranded wires, conductor make-up 48 x 0,20 mm; M = solid conductor, diameter 1,38 mm)											
48389	Fe-CuNi (Ko)	L	AE 9-32 L	PVC	PVC	20,9	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	7,5	793
48390	SoNiCr-SoNi	K	AN 9-32 L	PVC	PVC	20,9	round			7,5	793
48391	SoPtRh-SoPt	S	AP 9-32 L	PVC	PVC	20,9	round			7,5	793
48392	Cu-CuNi (Ko)	U	AC 9-32 L	PVC	PVC	20,9	round			7,5	793
48493	Fe-CuNi	J	AF 9-32 L	PVC	PVC	20,9	round			7,5	793
48393	Fe-CuNi (Ko)	L	AE 9-32 LS	PVC	PVC/galv. steel wire braiding	22,1	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	7,5	923
48394	SoNiCr-SoNi	K	AN 9-32 LS	PVC		22,1	round			7,5	923
48395	SoPtRh-SoPt	S	AP 9-32 LS	PVC		22,1	round			7,5	923
48396	Cu-CuNi (Ko)	U	AC 9-32 LS	PVC		22,1	round			7,5	923

Continuation ►

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