

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
Single pair: 2 x 1,5 mm² (L = stranded wires, conductor make-up 48 x 0,20 mm; M = solid conductor, diameter 1,38 mm)											
48289	Fe-CuNi (Ko)	L	AE 20 L	PVC	PETP-tape/	8,0	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	7,5	75
48290	SoNiCr-SoNi	K	AN 20 L	PVC	Cu-ground wire	8,0	round			7,5	75
48291	SoPtRh-SoPt	S	AP 20 L	PVC	bare 0,5 mm ø /	8,0	round			7,5	75
48292	Cu-CuNi (Ko)	U	AC 20 L	PVC	Alu-tape/PVC	8,0	round			7,5	75
48293	Fe-CuNi (Ko)	L	AE 20 M	PVC	PETP-tape/	8,2	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	12	82
48294	SoNiCr-SoNi	K	AN 20 M	PVC	Cu-ground wire	8,2	round			12	82
48295	SoPtRh-SoPt	S	AP 20 M	PVC	bare 0,5 mm ø /	8,2	round			12	82
48296	Cu-CuNi (Ko)	U	AC 20 M	PVC	Alu-tape/PVC	8,2	round			12	82
Multi-paired: 2 pairs (4 x 1,5 mm²) (L = stranded wires, conductor make-up 48 x 0,20 mm; M = solid conductor, diameter 1,38 mm)											
48100	Fe-CuNi (Ko)	L	AE 9-4 L	PVC	PVC	8,3	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	7,5	125
48101	SoNiCr-SoNi	K	AN 9-4 L	PVC	PVC	8,3	round			7,5	125
48102	SoPtRh-SoPt	S	AP 9-4 L	PVC	PVC	8,3	round			7,5	125
48297	Cu-CuNi (Ko)	U	AC 9-4 L	PVC	PVC	8,3	round			7,5	125
48483	Fe-CuNi	J	AF 9-4 L	PVC	PVC	8,3	round			7,5	125
48298	Fe-CuNi (Ko)	L	AE 9-4 LS	PVC	PVC/galv. steel wire braiding	8,9	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	7,5	155
48299	SoNiCr-SoNi	K	AN 9-4 LS	PVC		8,9	round			7,5	155
48300	SoPtRh-SoPt	S	AP 9-4 LS	PVC		8,9	round			7,5	155
48301	Cu-CuNi (Ko)	U	AC 9-4 LS	PVC		8,9	round			7,5	155
48137	Fe-CuNi (Ko)	L	AE 9-4 LSY	PVC	PVC/galv. steel wire braiding/ PVC	11,4	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	7,5	220
48138	SoNiCr-SoNi	K	AN 9-4 LSY	PVC		11,4	round			7,5	220
48139	SoPtRh-SoPt	S	AP 9-4 LSY	PVC		11,4	round			7,5	220
48302	Cu-CuNi (Ko)	U	AC 9-4 LSY	PVC		11,4	round			7,5	220
48303	Fe-CuNi (Ko)	L	AE 9-4 MSY	PVC	PVC/galv. steel wire braiding/ PVC	11,0	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	12	210
48304	SoNiCr-SoNi	K	AN 9-4 MSY	PVC		11,0	round			12	210
48305	SoPtRh-SoPt	S	AP 9-4 MSY	PVC		11,0	round			12	210
48306	Cu-CuNi (Ko)	U	AC 9-4 MSY	PVC		11,0	round			12	210
48307	Fe-CuNi (Ko)	L	AE 20-4 M	PVC	PETP-tape/	10,8	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	12	137
48308	SoNiCr-SoNi	K	AN 20-4 M	PVC	Cu-ground wire	10,8	round			12	137
48309	SoPtRh-SoPt	S	AP 20-4 M	PVC	bare 0,5 mm ø /	10,8	round			12	137
48310	Cu-CuNi (Ko)	U	AC 20-4 M	PVC	Alu-tape/PVC	10,8	round			12	137
Multi-paired: 3 pairs (6 x 1,5 mm²) (L = stranded wires, conductor make-up 48 x 0,20 mm; M = solid conductor, diameter 1,38 mm)											
48103	Fe-CuNi (Ko)	L	AE 9-6 L	PVC	PVC	10,3	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	7,5	190
48104	SoNiCr-SoNi	K	AN 9-6 L	PVC	PVC	10,3	round			7,5	190
48105	SoPtRh-SoPt	S	AP 9-6 L	PVC	PVC	10,3	round			7,5	190
48311	Cu-CuNi (Ko)	U	AC 9-6 L	PVC	PVC	10,3	round			7,5	190
48484	Fe-CuNi	J	AF 9-6 L	PVC	PVC	10,3	round			7,5	190
48312	Fe-CuNi (Ko)	L	AE 9-6 LS	PVC	PVC/galv. steel wire braiding	10,9	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	7,5	226
48313	SoNiCr-SoNi	K	AN 9-6 LS	PVC		10,9	round			7,5	226
48314	SoPtRh-SoPt	S	AP 9-6 LS	PVC		10,9	round			7,5	226
48315	Cu-CuNi (Ko)	U	AC 9-6 LS	PVC		10,9	round			7,5	226
48140	Fe-CuNi (Ko)	L	AE 9-6 LSY	PVC	PVC/galv. steel wire braiding/ PVC	13,4	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	7,5	292
48141	SoNiCr-SoNi	K	AN 9-6 LSY	PVC		13,4	round			7,5	292
48142	SoPtRh-SoPt	S	AP 9-6 LSY	PVC		13,4	round			7,5	292
48316	Cu-CuNi (Ko)	U	AC 9-6 LSY	PVC		13,4	round			7,5	292
48317	Fe-CuNi (Ko)	L	AE 9-6 MSY	PVC	PVC/galv. steel wire braiding/ PVC	12,5	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	12	272
48318	SoNiCr-SoNi	K	AN 9-6 MSY	PVC		12,5	round			12	272
48319	SoPtRh-SoPt	S	AP 9-6 MSY	PVC		12,5	round			12	272
48320	Cu-CuNi (Ko)	U	AC 9-6 MSY	PVC		12,5	round			12	272
48321	Fe-CuNi (Ko)	L	AE 20-6 M	PVC	PETP-tape/	12,4	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	12	186
48322	SoNiCr-SoNi	K	AN 20-6 M	PVC	Cu-ground wire	12,4	round			12	186
48323	SoPtRh-SoPt	S	AP 20-6 M	PVC	bare 0,5 mm ø /	12,4	round			12	186
48324	Cu-CuNi (Ko)	U	AC 20-6 M	PVC	Alu-tape/PVC	12,4	round			12	186
Multi-paired: 4 pairs (8 x 1,5 mm²) (L = stranded wires, conductor make-up 48 x 0,20 mm)											
48106	Fe-CuNi (Ko)	L	AE 9-8 L	PVC	PVC	11,0	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	7,5	238
48107	SoNiCr-SoNi	K	AN 9-8 L	PVC	PVC	11,0	round			7,5	238
48108	SoPtRh-SoPt	S	AP 9-8 L	PVC	PVC	11,0	round			7,5	238
48325	Cu-CuNi (Ko)	U	AC 9-8 L	PVC	PVC	11,0	round			7,5	238
48485	Fe-CuNi	J	AF 9-8 L	PVC	PVC	11,0	round			7,5	238
48143	Fe-CuNi (Ko)	L	AE 9-8 LSY	PVC	PVC/galv. steel wire braiding/ PVC	14,0	round	-10°C to +80°C	stationary: -25°C to +70°C flexing: -5°C to +70°C	7,5	410
48144	SoNiCr-SoNi	K	AN 9-8 LSY	PVC		14,0	round			7,5	410
48145	SoPtRh-SoPt	S	AP 9-8 LSY	PVC		14,0	round			7,5	410
48326	Cu-CuNi (Ko)	U	AC 9-8 LSY	PVC		14,0	round			7,5	410

Continuation ▶

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