

Compensation & Extension Cables

Besilen® insulated cables

A 13 L with fiber-glass braiding



A 13 L



Also available with cross-sections 1,0 mm², 0,75 mm², 0,5 mm² and 0,22 mm²

Construction:

Insulation:	Besilen® EI2 acc. to EN 50363-1 + VDE 0207-363-1
Stranding:	parallel
Braiding:	fiber-glass with tracer
Shape:	oval
Conductor construction:	strand

Technical data:

Min. bending radius:	10 x O.D.
Temperature range of insulation:	<i>static:</i> -40/+180°C <i>flexible:</i> -25/+180°C <i>short time use:</i> +250°C
Insulation resistance:	> 1MΩ x km
Halogen-free:	acc. to IEC 60754-1 + VDE 0482-754-1
Burning characteristics:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2
Corrosivity:	in compliance with IEC 60754-2 + VDE 0482-754-2 - no development of corrosive conflagration gases
Absence of harmful substances:	acc. to RoHS directive of the European Union see page O/30

Type:	A 13 Ln:
Conductor cross section:	1.5 mm ²
Outer diameter:	approx. 3.0 x 5.5 mm
Weight/100m:	approx. 3.8 kg

IEC 60584

for thermocouple	EMK at 100°C in mV	cable type	A 13 Ln item no.
Type T	4.28	TX	04248958
Type J	5.27	JX	04248952
Type K	4.10	KCA	04248995
Type K	4.10	KCB	04248999
Type K	4.10	KX	04248954
Type E	6.32	EX	04248953
Type R/S	0.65	R/SCB	04248997
Type N	2.77	NC	04248991

DIN 43710 / 43714 (not valid for type B*)

We continue to manufacture compensating and extension cables with color code acc. to DIN 43714 and the basic values of DIN 43710.

for thermocouple	EMK at 100°C in mV	cable type	A 13 Ln item no.
Type L	5.37	LX	04248992
Type K	4.10	KCA	04248994
Type R/S	0.65	R/SCB	04248996
Type U	4.25	UX	04248998
Type B*	0.00	BC-100	04248901
Type B*	0.033	BC-200	04248902

* Not standardized compensating cable for thermocouples type B with application temperatures up to 100°C resp. 200°C.
C = compensating cables · X = extension cables