

# Compensation & Extension Cables

## Besilen® insulated cables

A 13 L with fiber-glass braiding



A 13 L



Also available  
with cross-sections  
1,0 mm<sup>2</sup>, 0,75 mm<sup>2</sup>,  
0,5 mm<sup>2</sup> and 0,22 mm<sup>2</sup>

### Construction:

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

### Technical data:

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

<b>Type:</b>	<b>A 13 L:</b>
Conductor cross section:	1.5 mm <sup>2</sup>
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 L item no.
Type T	4.28	TX	4248958
Type J	5.27	JX	4248952
Type K	4.10	KCA	4248995
Type K	4.10	KCB	4248999
Type K	4.10	KX	4248954
Type E	6.32	EX	4248953
Type R/S	0.65	R/SCB	4248997
Type N	2.77	NC	4248991

### 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 L item no.
Type L	5.37	LX	4248992
Type K	4.10	KCA	4248994
Type R/S	0.65	R/SCB	4248996
Type U	4.25	UX	4248998
Type B*	0.00	BC-100	4248901
Type B*	0.033	BC-200	4248902

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