Compensating and extension cables

Besilen® insulated cables

A 13 L with fibre-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:	fibre-glass with tracer
Shape:	oval
Conductor construction:	strand

Type:	**A 13 L**
Conductor cross section:	1,5 mm²
Outer diameter:	approx. 3,0 x 5,5 mm
Weight/100m:	approx. 3,8 kg

Technical data:

Min. bending radius:	10 x d
Temperature range of insulation:	*fixed laying:* -40/+180 °C *flexible application:* -25/+180 °C *short-time use:* +250 °C
Insulation resistance:	> 1MΩ x km
Halogen-free:	acc. to IEC 60754-1 + VDE 0482-754-1
Fire performance:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2
Corrosiveness of conflagration gases:	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 chapter N „Technical data“

IEC 60584

for thermocouple	EMK at 100 °C in mV	cable type	A 13 L 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 colour 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	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