

COMPENSATING AND EXTENSION CABLES

Besilen® insulated cables A 11 Lr · A 11-4 Lr · A 11 Dr with fibre-glass braiding and steel wire armouring



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



Construction:

Insulation:	Besilen® EI2 acc. to DIN EN 50363-1
Stranding:	2 or 4 cores together
Braiding:	fibre-glass with tracer
Armouring:	galvanized steel wire armouring with tracer
Shape:	round
Conductor construction:	strand resp. wire

Technical data:

Min. bending radius:	A 11 Lr, A11-4 Lr: 10 x d A 11 Dr: 12 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 DIN VDE 0472 part 815 and IEC 60754-1
Fire performance:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + EN 60332-1-2
Corrosiveness of conflagration gases:	in compliance with IEC 60754-2 + EN 50267-2-2 + VDE 0482 part 267-2-2 - no development of corrosive conflagration gases
Absence of harmful substances:	acc. to RoHS directive of the European Union see page N/14

Type:	A 11 Lr	A 11-4 Lr	A 11 Dr
Conductor cross section:	1,5 mm ²	1,5 mm ²	1,5 mm ²
Outer diameter:	approx. 6,1 mm	approx. 7,1 mm	approx. 5,5 mm
Weight/100m:	approx. 6,6 kg	approx. 9,5 kg	approx. 6,4 kg

DIN IEC 584

for thermocouple	EMF at 100 °C in mV	cable type	A 11 Lr item no.	A 11- 4 Lr item no.	A 11 Dr item no.
Type T	4,28	TX	04218958	04210458	04238988
Type J	5,27	JX	04218952	04210452	04238982
Type K	4,10	KCA	04218995	04210495	04238915
Type K	4,10	KCB	04218999	04210499	04238919
Type K	4,10	KX	04218954	04210454	04238984
Type E	6,32	EX	04218953	04210453	04238983
Type R/S	0,65	R/SCB	04218997	04210497	04238917
Type N	2,77	NC	04218991	04210491	04238911

We also manufacture compensating and extension cables colour coded to DIN VDE 43714 – 06/79 and the basic values laid down in DIN VDE 43710 which was withdrawn in April 1994.

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

for thermocouple	EMF at 100 °C in mV	cable type	A 11 Lr item no.	A 11- 4 Lr item no.	A 11 Dr item no.
Type L	5,37	LX	04218992	04210492	04238912
Type K	4,10	KCA	04218994	04210494	04238914
Type R/S	0,65	R/SCB	04218996	04210496	04238916
Type U	4,25	UX	04218998	04210498	04238918
*Type B	0,00	BC-100	04218901	04210401	04238921
*Type B	0,033	BC-200	04218902	04210402	04238922

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