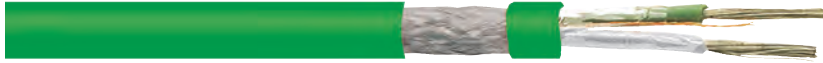


Compensation & Extension Cables

Besilen® insulated cables

A 15 LC · A 15-075 LC · A 15-050 LC · A 15-022 LC

with overall
copper shield



A 15 LC · A 15-075 LC · A 15-050 LC · A 15-022 LC

Construction:

Insulation:	Besilen® EI2 acc. to EN 50363-1 + VDE 0207-363-1
Stranding:	2 conductors together
Wrapping:	PETP foil
Shielding:	tinned copper braiding
Jacket material:	Besilen® EM9 acc. to EN 50363-2-1 + VDE 0207-363-2-1
Shape:	round
Conductor construction:	strand

Technical data:

Min. bending radius:	12 x O.D.
Radiation resistance:	2 x 10 ⁷ cJ/kg
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 15 LC:	A 15-075 LC:	A 15-050 LC:	A 15-022 L:
Conductor cross section:	1.5 mm ²	0.75 mm ²	0.50 mm ²	0.22 mm ²
Outer diameter:	approx. 6.8 mm	approx. 5.7 mm	approx. 5.2 mm	approx. 4.3 mm
Weight/100m:	approx. 7.0 kg	approx. 4.6 kg	approx. 3.9 kg	approx. 2.5 kg

IEC 60584

for thermocouple	EMK at 100°C in mV	cable type	A 15 LC item no.	A 15-075 LC item no.	A 15-050 LC item no.	A 15-022 LC item no.
Type T	4.28	TX	4308958	4305958	4303958	4301958
Type J	5.27	JX	4308952	4305952	4303952	4301952
Type K	4.10	KCA	4308995	4305995	4303995	4301995
Type K	4.10	KCB	4308999	4305999	4303999	4301999
Type K	4.10	KX	4308954	4305954	4303954	4301954
Type E	6.32	EX	4308953	4305953	4303953	4301953
Type R/S	0.65	R/SCB	4308997	4305997	4303997	4301997
Type N	2.77	NC	4308991	4305991	4303991	4301991

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 15 LC item no.	A 15-075 LC item no.	A 15-050 LC item no.	A 15-022 LC item no.
Type L	5.37	LX	4308992	4305992	4303992	4301992
Type K	4.10	KCA	4308994	4305994	4303994	4301994
Type R/S	0.65	R/SCB	4308996	4305996	4303996	4301996
Type U	4.25	UX	4308998	4305998	4303998	4301998
Type B*	0.00	BC-100	4308901	4305901	4303901	4301901
Type B*	0.033	BC-200	4308902	4305902	4303902	4301902

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

C = compensating cables · X = extension cables

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