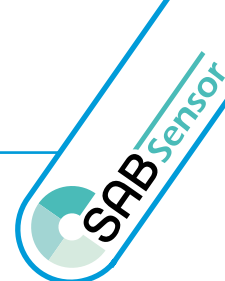


# Data Cables

## Sensor plus 250

high temperature resistant PFA insulated sensor cable up to +250°C



marking example:

SAB BRÜCKSKES · D-VIERSEN · Sensor plus 250 4 x AWG 32/7 3839-0432

**Application:** High temperature resistant sensor cable up to max. +250°C for measuring and testing technology. Supply cable for miniature sensors. Strain gauge supply cable for smallest bending radii. Connecting cable for modular technology.

### Construction:

Conductor:	silver-plated copper strands
Insulation:	PFA
Colour code:	with reference to DIN 47100
Wrapping:	foil
Screen:	tinned copper braiding optical coverage $\geq 85\%$
Sheath material:	PFA
Sheath colour:	black (RAL 9005)

### Outstanding features:

- » Temperature resistance up to +250 °C
- » low capacity
- » absolutely weather resistant
- » high abrasion resistance
- » very good chemical resistance
- » small outer diameter

### Technical data:

Peak operating voltage:	max. 48 Vv
Testing voltage:	core/core 600 V core/screen 600 V
Min. bending radius	
fixed laying:	2 x d (one single bend)
flexible application:	10 x d
Temperature range cable	
fixed laying*:	-90/+250 °C
flexible application*:	-55/+250 °C
Dielectric constant:	approx. 2,1
Fire performance:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2
Oil resistance:	very good
Hydraulic oil resistance:	very good
Fuel resistance:	very good
Battery acid resistance:	very good
UV resistance:	very good
Ozone resistance:	very good
Saltwater resistance:	very good
Absence of harmful substances:	acc. to RoHS directive of the European Union, see chapter N „Technical data“

item no.	dimension	outer- $\varnothing$ $\pm 10\%$ mm	copper figure kg/km	cable weight $\approx$ kg/km
38390234	2 x AWG 34/7	1,8	5,7	8
38390330	3 x AWG 30/7	2,1	8,7	11
38390432	4 x AWG 32/7	2,1	8,1	11
38390628	6 x AWG 28/7	2,7	16,0	20

Other dimensions and colours are possible on request.

### Possible on request:

- » random lengths or ready harnessed cable
- » also available without copper braiding