

## Besilen® ESD Control Cable

Besilen® insulated strands with antistatic Besilen® outer sheath for ESD protective components

KSSES · D-VIERSEN · ESD-Control Cable 2x4,0mm<sup>2</sup> 0173-0004 CE



Marking for Besilen® ESD Control Cable 01730004:

SAB BRÜCKSKES · D-VIERSEN · ESD-Control Cable 2x4,0mm<sup>2</sup> 0173-0004 CE

**Application:** Control cable for test bench measurement technology, e.g. for test adapters of control units.

### Construction:

<b>Conductor:</b>	tinned copper strands, extra fine wires
<b>Insulation:</b>	Besilen®
<b>Colour code:</b>	black cores with consecutive numbers acc. to EN 50334 + VDE 0293-334
<b>CAN-Bus element</b>	
<b>Colour code:</b>	acc. to DIN 47100
<b>Screen:</b>	tinned copper braiding
<b>Stranding:</b>	in layers
<b>Sheath material:</b>	special Besilen®
<b>Sheath colour:</b>	black (similar RAL 9005)

### Technical data:

<b>Nominal voltage:</b>	U <sub>o</sub> /U 300/500 V
<b>Testing voltage:</b>	core/core 2000 V
<b>CAN-Bus element</b>	
<b>Peak operating voltage:</b>	max. 350 V
<b>Testing voltage:</b>	core/core 1500 V core/screen 1200 V
<b>Min. bending radius</b>	
<i>fixed laying:</i>	5 x d
<i>flexible application:</i>	10 x d
<b>Temperature range</b>	
<i>fixed laying:</i>	-40/+180 °C
<i>flexible application:</i>	-25/+180 °C
<b>Surface resistance:</b>	1 x 10 <sup>4</sup> - 1 x 10 <sup>9</sup> Ω acc. to EN 50395 section 11
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union, see chapter N „Technical data“

### Outstanding features:



- high flexibility
- antistatic outer sheath
- ESD - electrostatic discharge

item no.	no. of cores x cross section n x mm <sup>2</sup>	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km
01730002	30 x 1,00	18,2	288,0	478
01730003	26 x 1,00	16,8	249,6	396
01730004	2 x 4,00	10,6	76,8	145
01730005	3 x 4,00	11,2	115,2	188
01730006	4 x 1,00 + (2 x 0,50)C CB	12,2	69,5	166
01730007	6 x 0,50	7,2	28,8	69
01730008	2 x 0,15	4,4	13,2	27

Other dimensions and colours are possible on request.

