

High Temperature Cables

Besilen® ESD Control Cable

Silicone insulated conductors with anti-static silicone outer jacket for ESD protective components

electrostatic
discharge



Marking for Besilen® ESD Control Cable 1730004:

SAB BRÖCKSKES · D-VIERSEN · ESD-Control Cable 2x4.0mm² 0173-0004 CE

Construction:

Conductor:	tinned copper strands, extra fine wires
Insulation:	Besilen®
Color code:	black conductors with consecutive numbers acc. to EN 50334 + VDE 0293-334
CAN-Bus element	
Color code:	acc. to DIN 47100
Screen:	tinned copper braiding
Stranding:	in layers
Jacket material:	special Besilen®
Jacket color:	black (similar RAL 9005)

Outstanding features:



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

Technical data:

Nominal voltage:	U ₀ /U 300/500 V
Testing voltage:	conductor/conductor: 2000 V
CAN-Bus element	
Peak operating voltage:	max. 350 V
Testing voltage:	conductor/conductor: 1500 V conductor/shielding: 1200 V
Min. bending radius:	
<i>fixed installation:</i>	5 x O.D.
<i>free movement:</i>	10 x O.D.
Temperature range:	
<i>static:</i>	-40/+180 °C
<i>flexing:</i>	-25/+180 °C
Surface resistance:	1 x 10 ⁴ - 1 x 10 ⁹ Ω acc. to EN 50395 section 11
Approvals:	CE, EAC, RoHS
Absence of harmful substances:	acc. to RoHS directive of the European Union see page O/30

item no.	dimensions	nominal outer-ø		cable weight ≈lbs/mft
		inch	mm	
1730002	30 x 1.00	0.717	18.2	321
1730003	26 x 1.00	0.661	16.8	266
1730004	2 x 4.00	0.417	10.6	97
1730005	3 x 4.00	0.441	11.2	126
1730006	4 x 1.00 + (2 x 0.50)C CB	0.480	12.2	112
1730007	6 x 0.50	0.283	7.2	4

Other dimensions and colors are available on request

