

Control and connection cables

CC 510 CY

PVC control cable with numbered cores, inner sheath and overall copper screen 0,6/1 kV

0.6/1 kV

SAB Control

ES · D-VIERSEN · CC 510 CY 0,6/1kV 12x1,5mm² CE



marking example:

SAB BRÜCKSKES · D-VIERSEN · CC 510 CY 0,6/1kV 12x1,5mm² CE

Construction:

Conductor:	bare copper strands acc. to IEC 60228, VDE 0295, class 5
Insulation:	PVC, Tl2 acc. to EN 50363-3 + VDE 0207-363-3
Colour code:	black cores with consecutive numbers acc. to EN 50334 + VDE 0293-334, green-yellow earth wire from 3 cores
Stranding:	in layers
Inner sheath:	PVC, TM2 acc. to EN 50363-4-1 + VDE 0207-363-4-1
Screen:	tinned copper braiding
Sheath material:	PVC, TM2 acc. to EN 50363-4-1 + VDE 0207-363-4-1
Sheath colour:	black (RAL 9005)

Outstanding features:

- » good EMC characteristics
- » flexible
- » numbered cores
- » small bending radius
- » sunlight resistant

Technical data:

Nominal voltage:	U ₀ /U 0,6/1 kV
Testing voltage:	core/core 4000 V core/screen 4000 V
Min. bending radius	
<i>fixed laying:</i>	5 x d
<i>flexible application:</i>	10 x d
Radiation resistance:	8 x 10 ⁷ cJ/kg
Temperature range	
<i>fixed laying:</i>	-40/+70 °C
<i>flexible application:</i>	+5/+70 °C
Fire performance:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2
Oil resistance:	acc. to internal standard, see chapter N „Technical data“
Chem. resistance:	see chapter N „Technical data“
Absence of harmful substances:	acc. to RoHS directive of the European Union, see chapter N „Technical data“

item no.	no. of cores x cross section n x mm ²	largest single wire ø mm	outer-ø ± 10% mm	copper figure kg/km	cable weight ≈ kg/km
32020210	2 x 1,00	0,21	9,4	45,4	130
32020310	3 x 1,00	0,21	9,8	55,1	145
32020410	4 x 1,00	0,21	10,4	67,6	167
32020510	5 x 1,00	0,21	11,6	95,9	211
32020710	7 x 1,00	0,21	12,7	121,6	260
32021210	12 x 1,00	0,21	16,2	212,9	411
32021910	19 x 1,00	0,21	18,9	293,9	574
32020315	3 x 1,50	0,26	11,3	90,9	200
32020415	4 x 1,50	0,26	12,2	111,7	237
32020515	5 x 1,50	0,26	13,3	131,6	280
32020715	7 x 1,50	0,26	14,6	186,4	355
32020815	8 x 1,50	0,26	16,8	213,3	427
32021215	12 x 1,50	0,26	18,9	284,3	553
32021915	19 x 1,50	0,26	21,8	411,7	771
32020325	3 x 2,50	0,26	12,9	126,6	269
32020825	8 x 2,50	0,26	19,6	315,4	596

Other dimensions and colours are possible on request.