

# Halogen-free Cables

## SABIX® A 876 C TWÖ TP

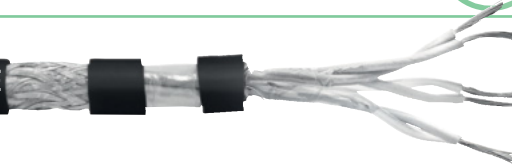
paired „Thinwall“ connection and data cable with overall copper screen

with reference to  
EN 50306-2

Classification of  
smoke density acc. to  
NF F 16-101



876 C TWÖ TP 3 x 2 x 0,75 mm<sup>2</sup> CE



Marking for SABIX® A 876 C TWÖ TP 68760307:

SAB BRÜCKSKES · D-VIERSEN · SABIX® A 876 C TWÖ TP 3 x 2 x 0,75 mm<sup>2</sup> CE

### Construction:

<b>Conductor:</b>	tinned copper strands fine wires acc. to EN 50306-2 + VDE 0260-306-2
<b>Insulation:</b>	special SABIX®
<b>Colour code:</b>	white cores with consecutive numbers acc. to EN 50334 + VDE 0293-334
<b>Stranding:</b>	pairwise, pairs in layers
<b>Wrapping:</b>	foil
<b>Screen:</b>	tinned copper braiding
<b>Sheath material:</b>	special SABIX®
<b>Sheath colour:</b>	black (RAL 9005)

### Outstanding features:



- very flexible
- good EMC characteristics
- halogen-free
- oil resistant
- flame retardant and self-extinguishing
- classification of smoke density acc. to NF F 16-101
- thin-walled
- high installation comfort

### Technical Data:

<b>Nominal voltage:</b>	U <sub>0</sub> /U 300/500 V
<b>Testing voltage:</b>	core/core 2000 V core/screen 2000 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/+105 °C
<i>flexible application:</i>	-25/+105 °C
<b>Halogen-free:</b>	acc. to IEC 60754-1 + VDE 0482-754-1
<b>Fire performance:</b>	No flame propagation acc. to IEC 60332-3-24 + VDE 0482-332-3-24 resp. IEC 60332-3-25 + VDE 0482-332-3-25 and EN 50305 + VDE 0260-305 section 9.1.2. Flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2
<b>Corrosiveness of conflagration gases:</b>	in compliance with IEC 60754-2 + VDE 0482-754-2 - no development of corrosive conflagration gases
<b>Smoke density:</b>	acc. to IEC 61034 + VDE 0482-1034
<b>Index of smoke density:</b>	acc. to NF F 16-101
<b>Ozone resistance:</b>	acc. to EN 50396 + VDE 0473-396
<b>Flexibility:</b>	very good
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union, see chapter N „Technical data“

item no.	no. of pairs x cross section n x 2 x mm <sup>2</sup>	outer- ø mm	copper figure kg/km	cable weightt ≈ kg/km
68760305	3 x 2 x 0,50	7,4	50,1	75
68760405	4 x 2 x 0,50	8,4	62,2	92
68760207	2 x 2 x 0,75	7,1	48,5	73
68760307	3 x 2 x 0,75	8,1	66,9	95

Other dimensions and colours are possible on request.