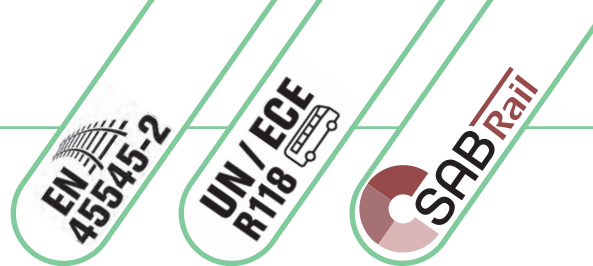



Halogen-free Cables

SAB RailLine 560

SABIX® Rail - Continuous flex cable for outdoor use, cross linked



D-VIERSEN · SAB RailLine 560 5x0.75mm² C 6560-1105 CE 



Marking for SAB RailLine 560 65601105:

SAB BRÖCKSKES · D-VIERSEN · SAB RailLine 560 5x0.75mm² C 6560-1105 CE

Application: Suitable for flexible and protected installation in the interior for door control or in protecting tubes for outdoor laying at the bogie, railway machines or as connection cable between the waggons. Appropriate for light and medium mechanical stress.

Construction:

Conductor:	tinned copper strands, extra fine wires
Insulation:	SABIX® X
Color code:	black conductors with consecutive numbers acc. to EN 50334 + VDE 0293-334, green/yellow ground from 3 conductors
Stranding:	in layers resp. pairwise
Wrapping:	foil
Shielding:	tinned copper braiding (if existing)
Jacket material:	SABIX® X
Jacket color:	black (RAL 9005)

Outstanding features:

- weather resistant
- continuous flex
- good ozone, UV, and weather resistance
- good oil and fuel resistance
- good acid and alkalines resistance
- fulfills fire protection requirements R15 (EL1A) and R16 (EL1B) acc. to EN 45545-2 for hazard levels HL1-3

Technical data:

Nominal voltage:	Uo/U 300/500 V resp. 0.6/1 kV		
Testing voltage:	conductor/conductor:	300/500 V	0.6/1 kV
	conductor/shielding:	2000 V	4000 V
Min. bending radius:			
<i>fixed installation:</i>	4 x O.D.		
<i>flexible application:</i>	6 x O.D.		
<i>continuous flex:</i>	10 x O.D.		
Torsion angle:	± 15°/1m		
Temperature range:			
<i>static:</i>	-50/+90°C		
<i>flexible:</i>	-50/+90°C		
Halogen-free:	acc. to EN 50306-1 + EN 50264-1 are fulfilled. Development of HCl is < 0.5% acc. to IEC 60754-1. pH-value is > 4.3 acc. to IEC 60754-2. Conductivity is < 10.0 µS/mm acc. to IEC 60754-2. Fluoric content < 0.1% acc. to IEC 60684-2		
Burning characteristics:	No flame propagation acc. to IEC 60332-3-24, IEC 60332-3-25 + EN 50305 section 9.1.2. Flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2 Flame retardant acc. to ISO 6722 (UN/ECE R118)		
Toxicity:	acc. to EN 50305+ VDE 0260-305		
Smoke density:	acc. to IEC 61034 + VDE 0482-1034		
Weather resistance:	very good		
Oil and fuel resistance:	acc. to EN 50264-1 + VDE 0260-264-1		
Flexibility:	very good		
Approvals:	CE, EAC, RoHS		
Absence of harmful substances:	acc. to RoHS directive of the European Union see page O/30		

item no.	dimensions AWG	nominal outer-ø		cable weight ≈lbs/mft	nominal voltage
		inch	mm ±5%		
multi-conductor cable unshielded					
65600002	20 AWG/2c	0.193	4.9	25	300/500 V
65600105	19 AWG/5c	0.252	6.4	49	300/500 V
65600203	18 AWG/1c	0.209	5.3	37	300/500 V
65600205	18 AWG/5c	0.264	6.7	58	300/500 V
65600207	18 AWG/7c	0.311	7.9	85	300/500 V
65600225	18 AWG/25c	0.528	13.4	232	300/500 V
65600304	16 AWG/4c	0.272	6.9	68	300/500 V
65600307	16 AWG/7c	0.366	9.3	118	300/500 V
65609001	2 AWG/5c	1.307	33.2	1545	0.6/1 kV
multi-conductor cable shielded					
65601002	20 AWG/2c	0.193	4.9	28	300/500 V
65601003	20 AWG/3c	0.209	5.3	34	300/500 V
65601005	20 AWG/5c	0.240	6.1	45	300/500 V
65601012	20 AWG/12c	0.335	8.5	89	300/500 V
65601105	19 AWG/5c	0.268	6.8	58	300/500 V
65601204	18 AWG/4c	0.260	6.6	58	300/500 V
65601213	18 AWG/13c	0.425	10.8	158	300/500 V
65601303	16 AWG/3c	0.287	7.3	67	300/500 V
65601305	16 AWG/5c	0.327	8.3	102	300/500 V
65601307	16 AWG/7c	0.382	9.7	131	300/500 V
65609002	2 AWG/5c	1.343	34.1	1650	0.6/1 kV

item no.	dimensions AWG	nominal outer-ø		cable weight ≈lbs/mft	nominal voltage
		inch ±5%	mm ±5%		
multi-pair cable shielded					
65609004	24 AWG/6pr	0.315	8.0	66	300/500 V
65609005	22 AWG/12pr	0.469	11.9	137	300/500 V
65603002	20 AWG/2pr	0.264	6.7	46	300/500 V
65603004	20 AWG/4pr	0.335	8.5	73	300/500 V
65603006	20 AWG/6pr	0.386	9.8	103	300/500 V
65603008	20 AWG/8pr	0.484	12.3	155	300/500 V
65603103	19 AWG/3pr	0.331	8.4	83	300/500 V

Other dimensions and colors are available on request

