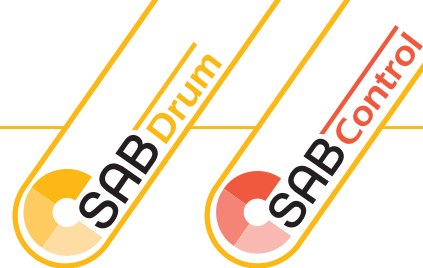


Reeling, Lift, & Specialty Cables

Selection Table



		Cable Type																				
		D/8	D/9	D/10	D/11	D/12	D/13	D/14	D/15	D/16	D/17	D/18	D/19	D/20	D/21	D/22	D/23	D/24	D/25	D/26	D/27	D/28
		SAB Lift	SAB Lift ST	SABIX® Lift	SABIX® Lift ST	H05VVH6-F	H07VVH6-F	DR 717 P Highflex	DR 718 CP High flex	DR 721 P	DR 720 P Highflex	DR 730 P Highflex	DR 750 P Offshore	DR 724 P Spreader	Spreader 722	Festoon 715 P	Festoon 716 CP	MR 460	SAB 755 - Exploration	SAB S 745 - Exploration	SL-851 C - Exploration	BB 380 Boarding Bridge
Application	Single conductors																					
	Colored conductors																					
	Numbered conductors	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Copper shielded																					
	Inner jacket																					
Temperature range fixed aying*	+ 90°C																					
	+ 70°C																					
	+ 60°C																					
	- 20°C																					
	- 30°C																					
	- 40°C																					
	- 50°C																					
Voltage	Nominal voltage Uo/U: 300/500 V	●	●	●	●	●		●	●						●			●		●		1
	Nominal voltage Uo/U: 450/750 V						●															
	Nominal voltage Uo/U: 0.6/1 k V										●	●	●	●	●	●	●			●	●	2
	Voltage UL / cUL: 1000 V																					
	Voltage UL: 1000 V																					
	Voltage cUL: 600 V																					
	Test voltage conductor/conductor: 2000 V	●	●	●	●			●	●						●			●		●		
	Test voltage conductor/conductor: 3000 V																					
	Test voltage conductor/conductor: 4000 V										●	●	●	●	●	●	●	●		●	●	2
	Test voltage conductor/shielding: 2000 V									●											●	
Test voltage conductor/shielding: 4000 V																	●		●	●		
Standards & Approvals	Halogen-free acc. to IEC 60754-1 + VDE 0482-754-1			●	●			●	●		●	●		●		●	●	●	●	●	●	●
	Halogen-free + fluorine content acc. to IEC/EN												●									
	no flame propagation acc. to IEC 60332-3-24 + VDE 0482-332-3-24 resp. IEC 60332-3-25 + VDE 0482-332-3-25			●	●																	
	Flame retardant and self-extinguishing acc. to IEC 60332-1-2 and VDE 0482-332-1-2	●	●			●	●	●	●	●	●	●	●	●	●	●	●			●	●	●
	Flame retardant and self-extinguishing acc. to cUL FT1 FT2												●							●	●	●
	UL / cUL approval													●						●	●	●
Characteristics	Tensile strength							●	●	●	●	●	●	●	●	●	●		●			
	Oil resistant acc. to internal standard					●	●															
	Oil resistant acc. acc. to EN 50363-10-2 + VDE 0207-363-10-2							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Mud resistance acc. to IEC 630092-350, IEC 61892-4, NEK TS 606													●						●	●	●
	Chemical resistance								●	●	●	●	●	●	●	●	●	●				●
	Weather resistance										●	●	●	●	●	●	●	●				●
	Sunlight resistance								●	●	●	●	●	●	●	●	●	●		●	●	●
	Ozone & salt water resistance																			●	●	●
	Reeling applications								●	●	●	●	●	●	●							
Continuous flex applications															●	●				●		

D
5

from 1 = up to 22 AWG
2 = from 20 AWG
to

*The temperature range for flexible application is mentioned on the corresponding catalog page



Airport Equipment Cables

Selection Table

D
6

		Cable Type	D/29	D/30	D/31	D/32	D/33	D/34	D/35	D/36	D/37
Application	Single core	GP 400 Sy		●						●	
	Symmetrical	GP 400 SC	●		●	●	●	●	●		
	TripleFlex	GP 400 QF			●						
	QuadFlex	GP 400 7F				●					
	SevenFlex	GP 400 SF					●				
	Fixed installation	GP 400 SF S Supply	●					●			
	Flexible application	GP 400 SF S Control		●	●	●	●	●	●	●	●
Temperature range fixed laying*	+ 90°C			●	●	●	●	●	●	●	●
	+ 70°C		●	●	●	●	●	●	●	●	●
	- 30°C		●	●	●	●	●	●	●	●	●
	- 40°C		●	●	●	●	●	●	●	●	●
	- 50°C		●	●	●	●	●	●	●	●	●
Voltage	Nominal voltage 28 V DC									●	●
	Nominal voltage 300/500 V								●		
	Nominal voltage Uo/U 0.6/1 k V		●			●	●	●			
	Nominal voltage Uo/U 115/200 V			●	●						
	Test voltage conductor/conductor: 600 V AC			●	●					●	●
Test voltage conductor/conductor: 4000 V AC		●	●	●	●			●		●	
Standards & Approvals	Halogen-free			●	●	●			●	●	
	Oil resistant			●	●	●		●	●	●	●
	Weather resistance			●	●	●		●	●	●	
	Cold flexible			●	●				●	●	



High-Voltage Cables for E-Vehicles

Selection Table



		Cable Type	D/40	D/41	D/42	D/43	D/44	D/45	D/46
		HV 1000 C - SC		HV 1000 C - MC	HV Measuring Cable (DC)	HV Measuring Cable (AC)	B 107 HV	B 110 C	B 110 C Sense
Application	Single conductors	●					●	●	
	Colored conductors			●	●	●			●
	Alu foil & tinned copper braiding	●	●	●	●			●	●
	Inner jacket			●	●				
Temperature range fixed laying*	+250°C						●	●	●
	+180°C						●	●	●
	+150°C						●	●	●
	+125°C	●	●	●	●		●	●	●
	+ 90°C	●	●	●	●		●	●	●
	- 40°C	●	●	●	●		●	●	●
	- 50°C	●	●	●	●		●	●	●
Voltage	Nominal voltage U ₀ /U: 0.6/1 k V	●	●						
	Nominal voltage U ₀ /U: 2.7/5.4 k DC						●	●	●
	Nominal voltage U ₀ /U: 1.8/3.0 k V AC						●	●	●
	Nominal voltage: 1500 V AC								
	Nominal voltage: 2200 V DC								
	Operating Voltage: 1000 V DC								
	Operating Voltage: 1800 V DC				●	●			
	Operating Voltage: 2200 V DC								
	Operating Voltage: 1000 V AC					●			
	Voltage cURus: 3000 V						●	●	●
	Scoop proof- 1000 V DC over the blue inner jacket				●	●			
	Test voltage: 4000 V								●
	Test voltage: 6500 V						●	●	
	Test voltage conductor/conductor: 5000 V	●	●						
	Test voltage conductor/shielding: 5000 V			●					
Test voltage conductor/conductor: 5000 V AC				●	●				
Test voltage conductor/shielding: 5000 V AC				●	●				
Fire Performance	Flame retardant and self-extinguishing acc. to IEC 603332-1-2 and VDE 0482-332-1-2	●	●				●	●	●
	cURus FT 1, FT 2						●	●	●
Characteristics	Tensile strength	●	●						
	Halogen-free- acc. to IEC 60754-1 + VDE 0482-754-1						●	●	●
	Oil resistant- very good TMPU acc to EN 50363-10-2 + VDE 0207-363-10-2	●	●			●			
	Mud resistance acc. to IEC 630092-360, IEC 61892-4, NEK TS 606	●	●						
	Weather resistance- very good						●	●	●
	UV resistance acc. to HD 605	●	●						
	Ozone resistance acc. to EN 50396	●	●						
Salt water resistance acc, to UL 1309	●	●							

 from
 to  short-term use

*The temperature range for flexible application is mentioned on the corresponding catalog page