

Application

■ Technical problems often arise that can not be solved properly with standard cables. At SAB North America, we believe the customer deserves the best possible solution and we are proud to be your source for special cable requirements. If we must modify one of our existing standard products or completely design a new construction, we will work together with you to meet all of your cable requirements. Whether you choose one of our standard cables from stock or require a completely new design you will find that our variety of cable styles and our flexibility as a specialty cable manufacturer are among our company's strengths.

We produce nearly every type of specialty cable, with minimums as low as 1500 feet - and in some cases even lower - to your exact construction specifications. Please provide us with the following details:

- conductor materials
- number of conductors
- cross sections
- colors
- outer diameter
- flexibility
- low and high temperature resistance
- materials
- types of screening
- combined cables
- technical specifications
- optical waveguide
- number of fibers
- POF (polymeric optical fibers)

■ Of course we can also meet other requirements not listed above. Your special cable requests are always a priority and our highly motivated team will meet and exceed all of your special needs. By applying our comprehensive know-how, you will surely be able to improve the efficiency of your machines.

REELING, LIFT & SPECIALTY CABLES

Selection index

		Cable type	SABIX® Lift	SABIX® Lift ST	H05VVH6-F	H07VVH6-F	DR 717 P Highflex	DR 718 CP Highflex	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	BB 380 Boarding Bridge	
Application	Single conductors														x	x			
	Colored conductors				x	x	x	x	x	x	x	x			x	x			
	Numbered conductors	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
	Copper screen							x								x			
	Inner jacket					x	x	x	x	x	x	x	x						
Temperature range static*	+ 90°C																		
	+ 70°C																		
	- 30°C																		
	- 40°C																		
	- 50°C																		
Voltage	Nominal voltage Uo/U 300/500 V	x	x	x			x	x						x			x	x	
	Nominal voltage Uo/U 450/750 V				x														
	Nominal voltage Uo/U 0.6/1 kV								x	x	x	x	x		x	x		x	
	Voltage UL / cUL										x								
	Testing voltage 2000 V	x	x				x	x						x				x	
	Testing voltage 3000 V																		x
	Testing voltage 4000 V								x	x	x	x	x		x	x		x	
Standards and approvals	Zero halogen acc. to DIN VDE / IEC / EN	x	x				x	x		x	x	x	x		x	x	x	x	
	No flame propagation acc. to IEC / EN	x	x																
	Flame retardant and self-extinguishing acc. to IEC 60332-1-2 and EN 60332-1-2			x	x	x	x	x	x	x	x	x	x					x	
	UL / cUL approval										x								
	DNV-GL type approval											x							
Characteristics	Tensile strength acc. to DIN VDE						x	x	x	x	x		x						
	Oil resistant acc. to internal standard			x	x														
	Oil resistant acc. to DIN VDE						x	x	x	x	x	x	x	x	x	x	x	x	
	Good chemical resistance						x	x	x	x	x	x	x	x	x	x	x	x	
	Weather resistance								x	x	x	x	x	x	x	x		x	
	Sunlight resistance						x	x	x	x	x	x	x				x	x	

Temperature range:



*The temperature range for flexing is mentioned on the particular catalog page