

		Cable type	SD 99 <i>ECO</i>	S 99 <i>ECO</i>	SABorganic S 1000 Data	SABorganic S 1000 Control	SD 200	S 200	SD 200 C	S 200 C	SD 200 C TP	Sdynamic 900 Data	Sdynamic 900 Control	Sdynamic 910 Data	Sdynamic 910 Control	S 180 HT	S 180 C HT
Application	Data cables		●		●		●		●		●	●		●			
	Control cables			●		●		●		●			●		●	●	●
	Screened		●	●	●	●			●	●	●	●	●	●	●		●
	twisted pair stranding		●		●						●	●		●			
Temperature range fixed laying*	+200 °C															●	●
	+180 °C															●	●
	+125 °C															●	●
	+ 90 °C		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	- 50 °C		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Voltage	Peak operating voltage max. 350 V		●		●		●		●		●	●		●			
	Nominal voltage 300/500 V			●		●		●		●			●		●		
	Nominal voltage 0,6/1 kV															●	●
	Voltage UL/cUL 300 V											●		●			
	Voltage UL/cUL 600 V												●		●		
	Testing voltage: 1500 V		●		●		●		●		●						
	Testing voltage: 2000 V			●		●		●		●		●	●	●	●		
	Testing voltage 4000 V															●	●
Characteristics, standards and approvals	Anticapacitance		●	●	●	●											
	Flexible at low temperature		●	●	●	●	●	●	●	●	●	●	●	●	●		
	PWIS uncritical**		●	●	●	●	●	●	●	●	●	●	●	●	●		
	Halogen-free acc. to IEC 60754-1 + VDE 0482-754-1		●	●	●	●	●	●	●	●	●	●	●	●	●		
	Fire performance: Flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2				●	●						●	●	●	●		
	Fire performance acc. to UL/cUL FT1, FT2											●	●	●	●		
	UL/cUL recognized											●	●	●	●		
	Very good oil resistance acc. to EN 50363-10-2 + VDE 0207-363-10-2		●	●	●	●	●	●	●	●	●	●	●	●	●		
	Good chemical resistance		●	●	●	●	●	●	●	●	●	●	●	●	●		
	Sunlight resistance acc. to HD 605		●	●	●	●						●	●	●	●		
	Ozone resistance acc. to DIN EN 50396		●	●	●	●						●	●	●	●		
	Salt water resistance acc. to UL 1309		●	●	●	●						●	●	●	●		
Application A: high service life B: medium service life C: short service life	At acceleration values of up to 05 m/s <sup>2</sup>		A	A	A	A	A	A	A	A	A	A	A	A	A	B	B
	up to 20 m/s <sup>2</sup>		A	A	A	A	A	A	A	A	A	A	A	A	A	B	B
	up to 40 m/s <sup>2</sup>		B	B	A	A	A	A	A	A	A	A	A	A	A	C	C
	more than 40 m/s <sup>2</sup>		B	B	B	B	A	A	A	A	A	B	B	B	B	C	C
	At path feed rates of up to 01 m/s		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
	up to 03 m/s		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
	up to 10 m/s		A	A	A	A	A	A	A	A	A	A	A	A	A	B	B
	more than 10 m/s		A	A	A	A	A	A	A	A	A	A	A	A	A	C	C
	For cable tracks with a length of up to 05 m		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
	up to 10 m		A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
	up to 25 m		B	B	A	A	A	A	A	A	A	A	A	A	A	B	B
	more than 25 m		B	B	B	B	A	A	A	A	A	B	B	A	A	C	C

from  
 to  
 limited time of use  
 short-time use

\*\*PWIS =  
 paint-wetting  
 impairment substances

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