

# ETFE, FEP, PFA Cables

## Selection table

		Cable type													
		375 V		375 V		375 V		900 V		900 V		900 V		900 V	
		Li6Ybl	Li6Yyz	LiPFAvn	Li7Ybl	Li6Ybl	Li6Yyz	LiPFAvn	TD 801 F	TD 833 CF	TD 838 CF TP	TA 866 F	TA 867 CF	BL TA 180 C	
Basic construction	ETFE cable				●										
	FEP cable	●	●			●	●		●	●	●	●	●	●	
	PFA cable			●				●							
	Single conductor	●	●	●	●	●	●	●							
	Data cable								●	●	●				
	Connection cable											●	●	●	
	Copper strands acc. to ASTM B 286	●	●	●	●	●	●	●	●	●	●				
	Copper strands acc. to IEC 60228, VDE 0295, class 5											●	●	●	
	Colour code with reference to DIN 47100								●	●	●				
	Colour code acc. to HD 308											●	●		
	Colour code acc. to EN 50334 + VDE 0293-334													●	
	Screened									●	●		●	●	
	Twisted pairs										●				
Temperature range fixed laying*	+260 °C			●				●							
	+250 °C		●	●				●							
	+200 °C	●	●	●				●	●	●					
	+180 °C	●	●	●	●			●	●	●	●	●	●	●	
	+150 °C	●	●	●	●	●	●	●	●	●	●	●	●	●	
	+135 °C	●	●	●	●	●	●	●	●	●	●	●	●	●	
	- 90 °C	●	●	●	●	●	●	●	●	●	●	●	●	●	
Voltage	Peak operating voltage max. 375 V	●	●	●				●	●	●					
	Peak operating voltage max. 900 V				●	●	●	●							
	Nominal voltage U <sub>0</sub> /U 300/500 V											●	●	●	
	Voltage UL 600 V	●	●	●		●	●	●	●	●	●	●	●	●	
	Voltage cUL 600 V								●	●	●	●	●	●	
	Testing voltage 2000 V	●	●	●					●	●	●	●	●	●	
Testing voltage 2500 V				●	●	●	●								
Standards	UL recognized	●	●	●		●	●	●	●	●	●	●	●	●	
	cUL recognized								●	●	●	●	●	●	
	Approvals: DNV													●	
	Fire performance: flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2	●	●	●	●	●	●	●	●	●	●	●	●	●	
	Fire performance: UL FT1								●	●	●	●	●	●	
	Fire performance: UL FT2	●	●	●		●	●	●	●	●	●	●	●	●	
	Fire performance: no flame propagation acc. to IEC 60332-3-22 + VDE 0482-332-3-22 cat. A													●	
Characteristics	Chemical resistance	A	A	A	A	A	A	A	A	A	A	A	A	A	
	Oil resistance acc. to UL standard 758	A	A	A	A	A	A	A	A	A	A	A	A		
	Oil and fuel resistance													A	



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