

# 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					●	●	●	●						
Standard	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														●
Charac- teristics	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



A = very good

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