


# CABLES FOR SHIPBUILDING

## SELECTION TABLE



		Cable type	CAT <sup>Line</sup> CAT 5e BL	CAT <sup>Line</sup> CAT 6A BL	CAT <sup>Line</sup> CAT 7A BL	SABIX <sup>®</sup> BL 405 FRNC	SABIX <sup>®</sup> BL 415 C FRNC	SABIX <sup>®</sup> BL 443 C FRNC TT	SABIX <sup>®</sup> BL 445 C FRNC TP	SABIX <sup>®</sup> BL 446 C FRNC FTP	SABIX <sup>®</sup> BL 400 FRNC	SABIX <sup>®</sup> BL 438 C FRNC	SABIX <sup>®</sup> BL 402 FRNC	SABIX <sup>®</sup> BL 408 FRNC	SABIX <sup>®</sup> BL 409 C FRNC	SABIX <sup>®</sup> BL 410 FRNC	SABIX <sup>®</sup> BL 412 C FRNC	BlueLine TA 180 C	DR 750 P Offshore	
Construction	ethernet cable		●	●	●															
	data cable					●	●	●	●	●										
	control cable										●	●							●	●
	power cable													●	●	●	●	●		
	screened		●	●	●		●	●	●	●		●				●	●	●	●	
	twisted pairs								●	●	●									
	twisted triple								●											
Temperature range fixed laying*	+180 °C																			
	+ 90 °C																			
	+ 70 °C																			
	- 40 °C		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	- 55 °C																			●
Voltage range	peak operating voltage max. 90 V		●	●	●															
	peak operating voltage max. 300 V							●		●										
	peak operating voltage max. 350 V						●	●												
	nominal voltage Uo/U 300/500 V										●	●							●	
	nominal voltage Uo/U 0,6/1 kV												●	●	●	●	●	●		●
	voltage UL 300 V		●	●	●															
	voltage UL/cUL 600 V																		●	
Standards	halogen-free acc. to IEC 60754-1 + EN 60684-2		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●
	fire performance: no flame propagation acc. to IEC 60332-3-22 + VDE 0482-332-3-22		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	fire performance: flame retardant and self-extinguishing acc. to IEC 60332-1-2 + EN 60332-1-2		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	corrosiveness of conflagration gases: in compliance with IEC 60754-2 + EN 60754-2 - no development of corrosive conflagration gases		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	smoke density acc. to IEC 61034 + EN 61034		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Type approvals	DNV-GL					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Lloyd's Register					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	American Bureau of Shipping		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	Registro Italiano Navale					●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	Russian Maritime Register of Shipping					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Characteristics	UL recognized		●	●	●														●	
	cUL recognized																		●	
	flexible conductor stranding		●	●	●	●	●	●	●	●	●	●					●	●	●	
	extended cross section range					●	●		●											
	oil resistance								●										●	●
	chemical resistance																		●	●
	MUD resistance																			●

from  
to

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

<sup>1</sup> lower temperatures on request SAB