

BOTEC OFFSHORE INSTRU CABLE WTR49
BO-INSTRU S102 RFOU (C) WTR49 -40°C to +90°C
TCC/HEPR/OS/LSZH/TCWB/SHF2 MUD RESISTANT

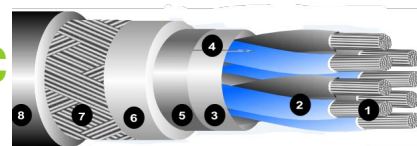


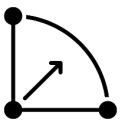
Image for illustration only

Conductor:	Annealed tinned stranded copper, acc. to IEC 60228 class 5
Insulation:	HEPR in acc. to IEC 60092-360
Colour Code:	See in table ... NEK TS 606 2022 identification of conductors
Tape:	Polyester tape
Drain Wire:	Tinned copper drain wire
Tape:	Alluminium backed polyester tape
Inner Sheath:	LSZH (halogen-free extruded compound)
Armour:	TCWB (tinned copper wire braid) in acc. to IEC 60092-350
Outer Sheath:	Flame retardant, halogen-free thermoset compound, SHF MUD, NEK TS 606 Grey, or blue
Cable Printing:	- Botec Kabel GmbH & -standard-
Technical Data & Standard References	Design: IEC 60092-376 Flame Propagation: IEC 60332-3-22 Cat A Halogenfree: IEC 60754-1& IEC 60754-2 Low Smoke Properties: IEC 61034-1& IEC 61034-2 Flame Retardancy: IEC 60332-1 Mud Resistance: NEK TS 606 Min. bending radius: Approx. 8 x Outer diam. UV Resistance: Up to 0,308 GW.s/m ² acc with UL2556 Color Fastness: Blue Wool Scale 8
Electrical & Mechanical Data	Operating Voltage: 150/250V (300V) Max. Operating Temperature: -40°C to +90°C

TECHNICAL DATA AND PRODUCT FEATURES



TEMPERATURE RANGE
-40°C +90°C (max operating)

	WORKING VOLTAGE 150/250V
	HALOGEN FREE IEC 60754-1&2
	UV RESISTANCE Yes
	MUD RESISTANCE NEK TS 606
	BENDING RADIUS Approx. 8X Ø

Application: Fixed installation for power, control and lighting in safe areas, emergency and critical systems offshore applications. For installations in areas exposed to mud and drilling or cleaning fluids.

Botec P/N	Cores x size mm ²	Approx.min diam. (+/- 10%) mm	Approx.max diam. (+/- 10%) mm	Cable weight kg/km	Max.Conductor DC resistance Ohm/km	Max.Current Carrying Capacity (A)
	1x3x0,75	10,50	12,50	13	26,7	10
	1x2x1,5	11,00	13,00	13	13,7	19