

BOTEC OFFSHORE POWER CABLE WTR49
BO-POWER P101 RFOU WTR49 -40°C to +90°C
TCC/HEPR/LSZH/TCWB/SHF2 MUD RESISTANT

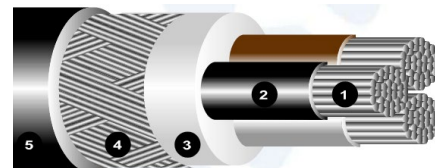
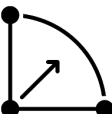


Image for illustration only

Conductor:	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
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 Black (standard)
Cable Printing:	- Botec Kabel GmbH & -standard-
Technical Data & Standard References	Design: IEC 60092-353 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. 7x 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: 600/1000V Test Voltage: 3500V Max. Operating Temperature: -40°C to +90°C

TECHNICAL DATA AND PRODUCT FEATURES

	TEMPERATURE RANGE -40°C +90°C (max operating)
	WORKING VOLTAGE 600/1000 V

	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)
	3G2,5	12,00	14,00	277	8,21	22
	4G2,5	13,00	15,00	323	8,21	22
	4G10	18,00	20,50	783	1,95	50
	4G16	21,00	23,50	1079	1,24	67