

BO-SHIP INSTRU & CONTROL CABLE

T-CU/XLPE/OS/SHF1 150/250V +90°C BV approved



Image for illustration only

Conductor:	Stranded Annealed Copper (IEC/EN 60228, Class 2) (tinned copper and/or Class 5 versions are available upon request)
Insulation:	XLPE (IEC 60092-360)
Colour Code:	Single: black, numbered 1, 2, 3, ... Pair: black, white - numbered 1-1, 2-2, 3-3 ... Tripple: black, white, red - numbered 1-1-1, 2-2-2, 3-3-3 ... Quad: black, white, blue - numbered 1-1-1-1, 2-2-2-2, 3-3-3-3 ...
Wrapping:	Cores / pairs / triples / quads are stranded in layers
Assembly:	All cores or units assembled in round formation with suitable fillers and non-hygroscopic tapes(s)
Screen:	Al-PET Foil (with Tinned Copper Drain Wire)
Taping:	PET Foil
Outer Sheath:	HFFR (IEC 60092-360 SHF1), RAL 9005 - Black or RAL 7001 - Grey
Technical Data & Standard References	Operating Voltage: 150/250 (300) V Test Voltage: 1.5 kV (a.c) 3.6 kV (d.c) Conductor Resistance: IEC/EN 60228 Insulation Resistance: >5000 M.Ωxkm Temperature Range: -40 °C.....+90 °C Flame Retardancy: IEC/EN 60332-1-2, IEC/EN 60332-3-22 (CAT A) Smoke Density: IEC/EN 61034-1+2 Amount of Halogen Acid Gas: IEC/EN 60754-1 Corrosive Gases Measurement: IEC/EN 60754-2 Min. Bending Radius (Fixed): 8 x Cable Diameter

TECHNICAL DATA AND PRODUCT FEATURES

	TEMPERATURE RANGE -40 °C.....+90 °C
	WORKING VOLTAGE 150/250V (300V)
	HALOGEN FREE IEC 60754-1
	FLAME RESISTANCE IEC/EN 60332-1-2, IEC/EN 60332-3-22 (CAT A)
	APPROVALS    

Application: Used for communication and instrumentation purpose in electronic systems of marine vehicles. Screening layer protects the transmitting signal against electromagnetic interferences. Halogen-Free and Flame Retardant construction ensure non-corrosive and highly visible environment during a fire.

Botec P/N	Cores x size mm ²	Colour	APPROVALS
498110102100BK	1x2x1	Black	1 BV approved
498110202100BK	2x2x1	Black	BV & DNV approved
498110602100BK	6x2x1	Black	BV approved
498110103100BK	1x3x1	Black	BV approved