

Canbus Marine

2x2x0,75 Partnr. 65010155 *Canbus 1X2X0,75 on request

Application

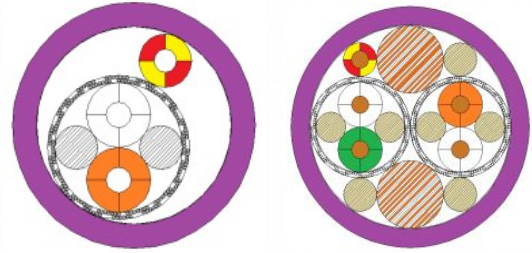
Can bus cable, special cable design for installation on ship
It is suitable for a wide range of small to medium sized butterfly- and ball valves
Multi communication options. DNV approval

Special cable

Temperature range -40°C / +90°C
Voltage Rating CanBus 100V

Standards

Conductor IEC 60228,5
Construction: IEC 60092-376
Insulation EN 50363,6
Sheeting EN 50363,8
Flame IEC60332-3-24
DNV: TAE000007D



Construction

Can bus 100V

Conductor, Stranded bare cu
Insulation of 0,75mm²
Insulation color fillers if needed
Lay length
AL/PET foil
Braiding of tinned copper wires. >85% covering
Pet foil

Conductor for equal earth potential

Conductor, Stranded bare cu
Insulation of 0,75mm²
Insulation color

Laying up och elements

Lay of Canbus elemnet and equal earth potential
Filler yarns
Inner jacket
Outer jacket
Marking specialkabel AB -TEXILine Canbus Marine nx2x0,75+1x0,75 YYWW meter – IEC 60332-3-24 – YYWW – meter
Min bending radius Flex
Min bending radius Fixed
Color

IEC 60228,5 Tinned on request
XLPE
1x2x0,75 White, Orange & 2x2x0,75 White/Orange, White/Green
75mm
30mm
Tinned wire 0,15mm 85% covering
30mm
IEC 60228,5
XLPE
Yellow/Red
75-100mm
PET or Textil foil if needed
HFFR SHF1
6XOD
5XODmm
Violet

Type Code	Cross-section	Insulation thickness	Jacket HFFR	Overall-diameter	Weight	Packing
		[mm]	[mm]	[mm]	[kg/km]	
CAN bus	0,75	0,85		2,8		
equal earth potential	0,75	0,6		2,3		
TEXILine Canbus Marine 1X2X0,75+1x0,75			1,1	9,5±1,0	120 kg/km	Drum
TEXILine Canbus Marine 2X2X0,75+1x0,75			1,2	14,5±1,0	215 kg/km	Drum
Electical values CAN bus						
capacitance, approx.		50				nF/km
impedance, approx.		120				ohm
Specific Resistance @20°C, max		26				ohm/km



Tel. +31 (0) 183 - 617 109, Fax +31 (0) 183 - 614 087, www.helmacab.nl