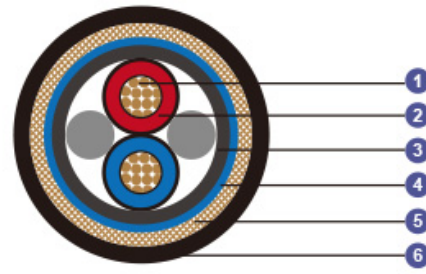


CAN BUS CABLES 120Ω



Application	These cables are dedicated to the shipbuilding industry.
Standards	IEC 60092-350/351/352/353/359/370/376 IEC 60332-1-2 IEC 60332-3-22 IEC 60754-1/2 IEC 61034
Construction	
Conductors	Stranded tinned copper 21AWG.
Insulation	Foam skin PP.
Inner Sheath	Thermoplastic copolymer (FRNC).
Overall Screen1	Aluminium/polyester tape.
Overall Screen2	Tinned copper braid.
Outer Sheath	LSOH (SHF1).
Core Identification	Pair 1: Blue, Red Pair 2: Brown, Green

Electrical Characteristics

Characteristic Impedance	Ω	120 ± 18	
Mutual Capacitance @1KHz	nF/km	36	
Insulation Resistance	GΩ.km	5	
		1 pair	2 pair
Attenuation @0.1MHz	dB/100m	0.65	0.3
Attenuation @1MHz	dB/100m	1.9	1.1
Attenuation @5MHz	dB/100m	4.3	2.8

Attenuation @10MHz	dB/100m	8.1	3.9
Attenuation @20MHz	dB/100m	10.5	5.7

Mechanical and Thermal Properties

Bending Radius for Fixed Installations: 10×OD

Temperature Range: -30°C ~ +80°C

Dimensions and Weight

Part No.	Construction No. of elements×No. of cores in element×Cross section(mm ²)	Core Diameter mm	Nominal Overall Diameter mm	Nominal Weight kg/km
UE092-09YSH(ST)CH- 1×2×21A	1×2×21 AWG	2.4	7.7	79
UE092-09YSH(ST)CH- 2×2×21A	2×2×21 AWG	2.2	8.4	90