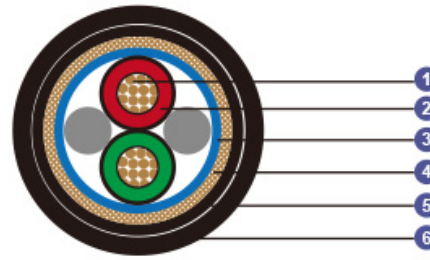


PROFIBUS 1 Pair 0.35mm²



Application	These profibus cables are dedicated for fixed installation on board of ship, used as connection cables for digital signals up to 12MBd.
Standards	DIN VDE 0472 part 805 IEC 60332-1&2 IEC 60754-1/2 IEC 61034
Construction	
Conductors	Stranded bare copper.
Insulation	Foam polyethylene (cellular HDPE).
Overall Screen1	Aluminium/polyester tape.
Overall Screen2	Tinned copper braid.
Intermediate Sheath	Halogen-free polymer HM4.
Outer Sheath	LSOH (SHF1).
Core Identification	Core 1: Red Core 2: Green

Electrical Characteristics

Characteristic Impedance	Ω	150 ± 15
Mutual Capacitance @800MHz	nF/km	30
Insulation Resistance	MΩ.km	16000
Attenuation @9.6kHz	dB/km	3
Attenuation @38.4kHz	dB/km	5
Attenuation @4kHz	dB/km	22
Attenuation @16kHz	dB/km	45

Mechanical and Thermal Properties

Bending Radius for Fixed Installations: 10×OD

Temperature Range: -35°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
UE092-02Y(ST)CH- 1×2×0.35	1×2×0.35	2.75	10.3	110