

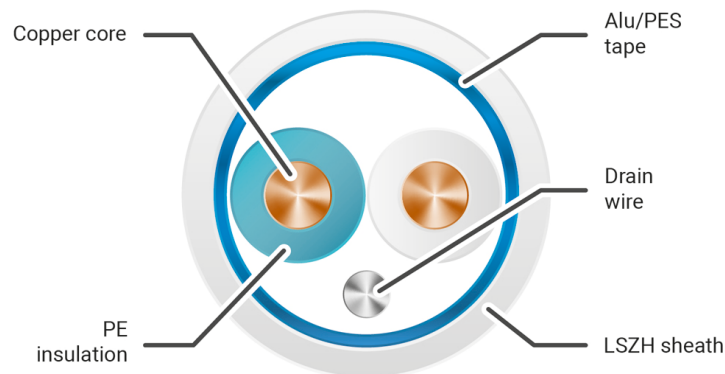
LCAEMPS122100SHB2

**1 pair AWG22 100 Ω LSZH B2ca s1a
d1 a1 T1000 cable**



DESCRIPTION

The LCAE MPS 122-100 SHB2 cable, PE insulated, low capacitance with CPR classification B2ca s1a,d1,a1, is used for LonWorks level IV applications. It is recommended for high-rise buildings (HRB), public access buildings (PAB), and infrastructures (tunnels, airports, nuclear sites).



ADVANTAGES

- Impedance 100 Ohms
- Overall shielding with aluminum tape
- Halogen-free sheath
- CPR: B2ca s1a,d1,a1

AXINDUS
/ ADALTRA

CONSTRUCTION & TECHNICAL PERFORMANCE

Product Type	LCAEMPS122100SHB2
Construction (mm ²)	1 x 2 x AWG22
Conductor material	Tinned copper
Conductor cross-section	AWG22
Core gauge	AWG22
Core composition	1x0.64mm
Insulation Material	PE
Insulation Identification Method	White, Blue
Assembly type	Pairs
Overall Shielding	Alu/pes tape with drain wire
Outer Sheath Material	LSZH
Color	White
Nom. diameter of the outer sheath (mm)	4.5
Weight (Kg/Km)	25

ELECTRICAL CHARACTERISTICS

Service Voltage (V)	300 V
Test voltage (V)	1.2 kV
Linear electrical resistance (Ω/Km)	≤ 59 Ω/km

TRANSMISSION CHARACTERISTICS

Propagation speed (%)	66
Characteristic Impedance (Ohms)	100 Ohms

MECHANICAL CHARACTERISTICS

Bending Radius in Fixed Installation	8 x Ø ext
Bending Radius in Mobile Installation	15 x Ø ext

ENVIRONMENTAL CHARACTERISTIC

CPR classification	B2ca s1a, d1, a1
Fire behaviour	IEC 60332-1, IEC 60332-3-24 Cat. D
Fire Behavior Type	Flame retardant IEC 60332-1 Fire retardant IEC 60332-3-24
UV Resistance	NO
Fixed Use Temperature	-30°C / +70°C
Mobile Use Temperature	-5°C / +70°C
Halogen-free Standard	IEC 60754-1/-2 IEC 61034-2

ADDITIONAL INFORMATION

Product Packaging

Drum of 1000m