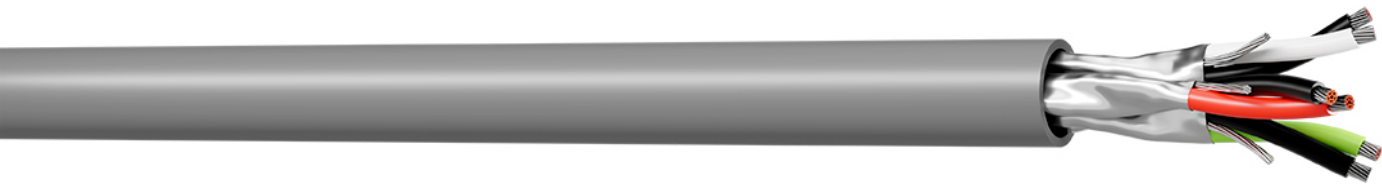


LCAEMPIS322SHB2x

3-pair AWG22 shielded LSZH B2ca s1a d1 a1 cables**DESCRIPTION**

The LCAE MPIS 322 SHB2 cable, PP insulated, low capacitance with CPR classification B2ca s1a,d1,a1, is used for control and data transmission per RS232. Aluminum tape shielding on each pair provides excellent electromagnetic protection. Recommended for high-rise buildings (HRB), public access buildings (PAB), and infrastructures (tunnels, airports, nuclear sites).

**ADVANTAGES**

- Low capacitance
- Excellent electromagnetic protection
- Halogen-free sheath
- CPR: B2ca s1a,d1,a1

AXINDUS
/ ADALTRA**CONSTRUCTION & TECHNICAL PERFORMANCE**

Core gauge	AWG22
Conductor material	Tinned copper
Insulation Material	PP
Insulation Identification Method	Black, Red, Black, White, Black, Green
Overall Shielding	Alu/pes tape with drain wire
Individual Shielding	Alu/pes tape with drain wire
Outer Sheath Material	LSZH
Color	Grey
Nom. diameter of the outer sheath (mm)	6.8
Construction (mm ²)	3 x 2 x AWG22

ELECTRICAL CHARACTERISTICS

Service Voltage (V)	300 V
Test voltage (V)	1.2 kV
Linear electrical resistance (Ω /Km)	$\leq 53.5 \Omega/\text{km}$

TRANSMISSION CHARACTERISTICS

Propagation speed (%)	66
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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
UV Resistance	NO
Fixed Use Temperature	-30°C / +70°C
Mobile Use Temperature	-5°C / +70°C
Installation Temperature	0°C
Fire behaviour	IEC 60332-1, Iec 60332 3 24 Cat. of
Fire Behavior Type	Flame retardant IEC 60332-1 Fire retardant IEC 60332-3-24
Halogen-free Standard	IEC 60754-1/-2 IEC 61034-2

ORDER INFORMATION

REFERENCE	CONSTRUCTION	Ø SHEATH NOM (MM)	WEIGHT (KG/KM)
LCAEMPIS322SHB2	3x2xAWG22	6.8	58