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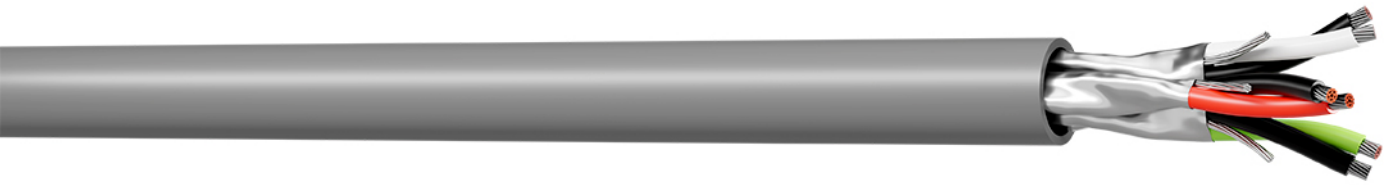
LCAEMPIS322SHB2

3x2xAWG22 individually shielded pair cable LSZH B2ca s1a d1 a1 T1000 grey

DESCRIPTION

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



ADVANTAGES

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

AXINDUS / ADALTRA

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CONSTRUCTION & TECHNICAL PERFORMANCE	
Product Type	LCAEMPIS322SHB2
Construction (mm²)	3 x 2 x AWG22
Conductor material	Tinned copper
Conductor cross-section	0,34 mm²
Core gauge	AWG22
Core composition	7x0.25mm
Insulation Material	PP
Insulation Identification Method	Black, Red, Black, White, Black, Green
Assembly type	Pairs
Overall Shielding	Alu/pes tape with drain wire
Outer Sheath Material	LSZH
Color	Grey
Nom. diameter of the outer sheath (mm)	6.8
Individual Shielding	Alu/pes tape with drain wire
Weight (Kg/Km)	58
ELECTRICAL CHARACTERISTICS	
Service Voltage (V)	300 V
Test voltage (V)	1.2 kV
Linear electrical resistance (Ω/Km)	≤ 53.5 Ω/km
TRANSMISSION CHARACTERISTICS	
Propagation speed (%)	66
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

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ADDITIONAL INFORMATION

Product Packaging	Drum of 1000m

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