LCAEMPIS222SHB2

Signal cable 2x2xAWG22 individually shielded LSZH B2ca s1a,d1,a1 T1000 grey

DESCRIPTION

The LCAE MPIS 222 SHB2 cable, PP insulated, low capacitance with CPR classification B2ca s1a,d1,a1, 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 (HRB), public buildings (PB), and infrastructures (tunnels, airports, nuclear sites).



ADVANTAGES

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

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CONSTRUCTION & TECHNICAL PERFORMANCE	
Product Type	LCAEMPIS222SHB2
Construction (mm²)	2 x 2 x AWG 22
Conductor material	Tinned copper
Conductor cross-section	AWG22
Core gauge	AWG22
Core composition	7x0.25mm
Insulation Material	PP
Insulation Identification Method	Black, Red, Green, White
Assembly type	Pairs
Overall Shielding	Alu/pes tape with drain wire
Outer Sheath Material	LSZH
Color	Grey
Nom. diameter of the outer sheath (mm)	5.0
Individual Shielding	Alu/pes tape with drain wire
Weight (Kg/Km)	27
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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