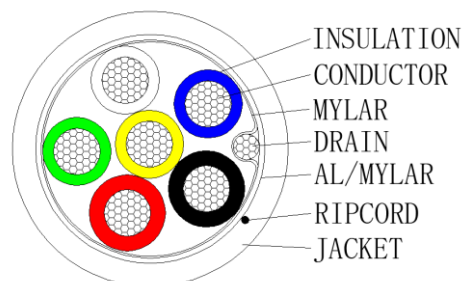


DS-1AC2B4APL1 | DS-1AC2C4APL1 LSZH CPR Eca Shielded Alarm Cable

Key Feature

- Suitable for high-rise office buildings, hospitals, entertainment venues hotels, guest houses and other buildings.
- Used for wiring of smoke detectors, anti-theft alarms, and motion detectors.
- Jacket with good mechanical strength, reducing damage during the project.
- Continuous operation at -20 to 70°C.
- Compliant with RoHS 2.0, CPR Eca.



Specification

General Specifications	Model	DS-1AC2B4APL1	DS-1AC2C4APL1
	Product Type	6-Core Alarm Cable	6-Core Alarm Cable
	Core	2 * 0.5 mm ² + 4 * 0.22 mm ²	2 * 0.75 mm ² + 4 * 0.22 mm ²
	Length	100 m	100 m
	Fire resistance	CPR Eca	CPR Eca
Conductor1	Material	Bare Copper (99.95%)	Bare Copper (99.95%)
	Sectional area	0.22 mm ²	0.22 mm ²
	Conductor	7 * (0.185 ± 0.01) mm	7 * (0.185 ± 0.01) mm
Insulation1	Material	LSZH	LSZH
	Diameter	1.15 ± 0.10mm	1.15 ± 0.10mm
	Average Thickness	0.20 mm	0.20 mm
	Color	Green/Yellow/White/Blue	Green/Yellow/White/Blue
Conductor2	Material	Bare Copper (99.95%)	Bare Copper (99.95%)
	Sectional area	0.50 mm ²	0.75 mm ²
	Conductor	16 * (0.185 ± 0.01) mm	24 * (0.185 ± 0.01) mm
Insulation2	Material	LSZH	LSZH
	Diameter	1.35 ± 0.10 mm	1.60 ± 0.10 mm
	Average Thickness	0.20 mm	0.20 mm
	Color	Black /Red	Black /Red
Drain wire	Material	Copper	Copper
	Conductor	7 * (0.15 ± 0.01) mm	7 * (0.15 ± 0.01) mm
Shield	Shield	Aluminum Foil, Mylar tape	Aluminum Foil, Mylar tape
Rip cord	Material	Polyester	Polyester
Jacket	Material	LSZH	LSZH
	Diameter	4.70 ± 0.30 mm	5.10 ± 0.30 mm
	Average Thickness	0.50 mm	0.50 mm
	Color	White	White
Electrical Specifications	Conductor DC Resistance	≤ 9.5 Ω/100 m (0.22 mm ²) ≤ 4.35 Ω/100 m (0.50 mm ²)	≤ 9.5 Ω/100 m (0.22 mm ²) ≤ 2.9 Ω/100 m (0.75 mm ²)
	Insulation Resistance	≥ 10 MΩ.km	≥ 10 MΩ.km
	Operating Voltage	60 V	60 V
	LSZH tensile strength	≥ 10 Mpa	≥ 10 Mpa
	LSZH Elongation	≥ 150%	≥ 150%
Temperature	Operating Temperature	-20 ~ 70 °C	-20 ~ 70 °C

	Storage Temperature	-20 ~ 70 °C	-20 ~ 70 °C
Packaging and Weight	Quantity	1 roll/pcs, 4 pcs/carton	1 roll/pcs, 4 pcs/carton
	Package dimension (roll/ carton)	210 * 210 * 160 mm/roll 445 * 445 * 178 mm/carton	210 * 210 * 160 mm/roll 445 * 445 * 178 mm/carton
	Weight (roll/ carton)	4.0 ± 0.6 kg/roll 17.0 ± 2.0 kg/carton	4.9 ± 0.7 kg/roll 20.6 ± 2.0 kg/carton

▪ Available Model

DS-1AC2B4APL1

DS-1AC2C4APL1

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