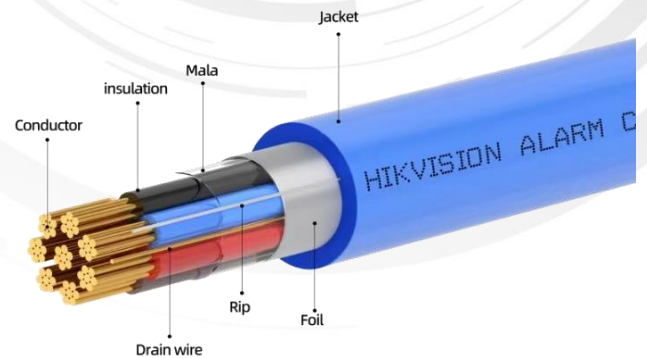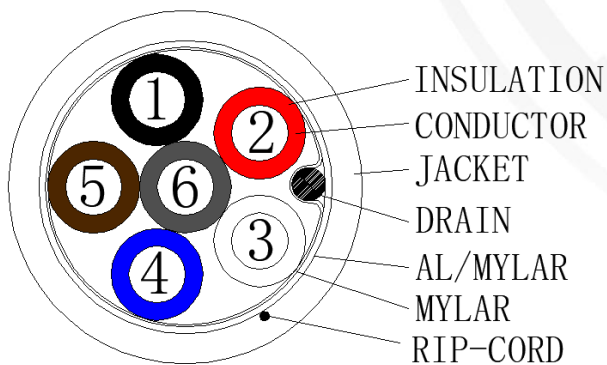# DS-1AC6APL1
Alarm Cable 6×0.22 mm²

Key Feature

- Suitable for high-rise office buildings, hospitals, entertainment venues hotels, guest houses and other buildings.
- Used for wiring of fire alarms, smoke detectors, voice communications, anti-theft alarms, and fire circuit protection.
- Bare stranded copper conductor with less resistance, and better electrical properties and transmission performance.
- Jacket with strong mechanical properties, and high tensile and compressive strength, reducing damage during the project.
- Smooth appearance, reel in box, easy to pull.
- Flame retardant, compliant with EN50575.
- Continuous operation at -20 to 70℃.
- Compliant with RoHS 2.0.

Specification

Model	DS-1AC6APL1	
Category	Alarm Cable 6×0.22 mm^2	
Reference standard	EN50575, CEI 46-76, CEI UNEL 36762, RoHS 2.0	
Fire resistance	CPR Eca	
Conductor	Material	Bare Stranded Copper (99.95%)
	Conductor	7/(0.185± 0.007) mm 25AWG
Insulation	Material	LSZH
	Thickness	0.2 mm
	Diameter	1.15± 0.10 mm
Shield	Drain wire + Aluminum foil	
Drain	Material	Bare Stranded Copper (99.95%)
	Conductor	7/(0.185± 0.007) mm 25AWG
Jacket	Thickness	0.50 mm
	Diameter	4.60 ± 0.50 mm
	Material	LSZH
Rip-cord	Yes, Nylon	
Jacket physical properties	Tensile strength	≥ 10 Mpa
	Elongation	≥ 150%
	Cold bend	-20 ± 2°C × 4h, 8 × cable O.D, no visible cracks
Electrical Characteristics (20°C)	DC resistance	≤ 95 Ω/Km
	DC conductor resistance unbalance	≤ 4.0%
	Operating voltage	300 V
Environmental Specifications	Ambient temperature	-20°C to 70°C
Packaging and Weights	Package dimension	328mm×286mm×330mm
	Weight	12.20±2.0 kg
	Cable length	305 ± 1.5 m

Available Model

Model Number	Products(mm²)	Jacket Dia.(mm)	Jacket material	Fire resistance
DS-1AC6APL1	6×0.22	4.6	LSZH	CPR Eca

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