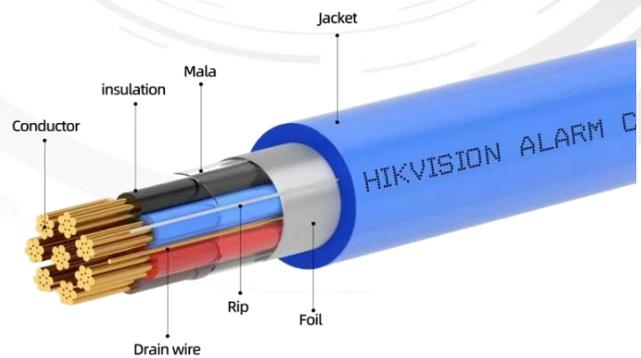


DS-1AC2B6APL1

Alarm Cable $2 \times 0.50\text{mm}^2 + 6 \times 0.22\text{mm}^2$

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°C .
- Compliant with RoHS 2.0.



Specification

| | | |
|---|---|--|
| Model | DS-1AC2B6APL1 | |
| Category | Alarm Cable 2×0.50mm ² + 6×0.22mm ² | |
| Reference standard | EN50575, CEI 46-76, CEI UNEL 36762, RoHS 2.0 | |
| Fire resistance | CPR Eca | |
| Conductor 1 (0.22 mm ²) | Material | Bare Stranded Copper (99.95%) |
| | Conductor | 7/(0.185± 0.007) mm 25AWG |
| Insulation 1 (0.22 mm ²) | Material | LSZH |
| | Thickness | 0.2 mm |
| | Diameter | 1.15± 0.10 mm |
| Conductor 2 (0.50 mm ²) | Material | Bare Stranded Copper (99.95%) |
| | Conductor | 16/(0.185± 0.007) mm 21AWG |
| Insulation 2 (0.50 mm ²) | Material | LSZH |
| | Thickness | 0.2 mm |
| | Diameter | 1.35± 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 | 4.90 ± 0.50 mm |
| | Material | LSZH |
| | Color | Blue |
| 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(0.22mm ²) ≤ 43.5 Ω/Km(0.50mm ²) |
| | 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 | 16.10±2.00kg |
| | Cable length | (305 ± 1.5) m |

Available Model

DS-1AC2B6APL1

| Model Number | Products(mm ²) | Jacket Dia.(mm) | Jacket material | Fire resistance |
|---------------|----------------------------|-----------------|-----------------|-----------------|
| DS-1AC2B6APL1 | 2×0.50 + 6×0.22 | 4.90 | LSZH | CPR Eca |

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