ALV-DT6-CU

6 Core Alarm Cable + Foil Copper 100%, Drain wire 0.4mm CCA



Overview

Stranded conductors of 4×0.22mm²+2×0.5mm² with HDPE insulation and PVC Jacket in white. Good flexibility combined with robustness and strong nylon stripping cord.

Application

Flexible cable used for the wiring of security systems, access control, burglar alarms and other low voltage applications

Physical Characteristics (Overall)

Inner Conductor	Stranded Copper
AWG	24+20
Stranding	7x0.2mm&16x0.2mm
Insulation	HDPE
Insulation Diameter	Ø 1.0 ± 0.05mm
Thickness	0.2mm
Shielding	Aluminum Foil
Drain Wire	0.4mm CCA
Outer Jacket	PVC
Jacket Diameter	Ø4.7mm±0.2mm
Thickness	0.5mm
Sheath Color	White
Rip Cord	Yes, Nylon
DC resistance	≤ 95 Ω/Km (0.22mm²) ≤ 43.5 Ω/Km (0.5mm²)
Usage Scenarios	Indoor
Length	100m in roll
Weight	3.7kgs

Specifications (Overall)

Core Material	Oxygen-free Copper
Stranding	4×0.22mm²+2×0.5mm²
Gauge	4 core 24 AWG+ 2 core 20 AWG
Insulation	HDPE
Shielding	Aluminum Foil
Drain Wire	0.4mm CCA
Outer Sheath	Polyvinyl Chloride (PVC)
Sheath Color	White
Stripping	Nylon stripping cord
Voltage	50V
Current rating	1Amp
Operating Temperature	-20°C to +70°C
Standards	ISO

Definition

6 core pure copper cable are designed mainly for signal transmission of burglar alarm systems, it also widely used onsecurity systems, access control and other low voltage applications.

Conductor Rating

4 core with 0.22mm² and 2core with 0.5mm² stranded conductors covered by High-density polyethylene insulation..

Construction

- PVC white sheath jacket with aluminum foil and stripping cord HDPE insulation covered 6 core conductors.
- 100 meters (328 feet) per roll packaging.