

LAN Cable with 2C Power Cable

This cable combines LAN (Local Area Network) capabilities with 2C power conductors, enabling simultaneous data transmission and power supply. The 2C power conductors provide a solution for powering devices alongside data transfer, reducing the need for separate cables.



ADDITIONAL IMAGES



Product Overview

Integrated Data and Power Solution

This composite cable integrates high-performance LAN connectivity with a 2-core power cable, designed specifically for efficient indoor installations. By combining data transmission and power supply in a single cable, it simplifies infrastructure for security systems and network-powered devices. The durable design features resistance to wear and pressure, ensuring reliable performance for long-distance signal transmission.

Technical Specifications

Model	Cable Cable with Two Power Cable
Conductor	2*28 0.50mm±0.05mm 23AWG/24AWG
Conductor Material	BOCCA
Twisted Pair	Two
Insulation Material	PE
Jacket Material	PVC
Rip Cord	Yan(Optional)
Center Splitter	Yan(Optional)
Impedance	100 Ohm±15 Ohm
DC Resistance(Max.)	6.58Ω/100m
Resistance Imbalance(Max.)	2.5%
Insulation Resistance	5000MΩ·km
PVC Jacket Color	DEM
Print Words	DEM
Application	It can not only connect the power supply, but also transmit audio and video signals. It is compact in structure and easy to use, and can meet the needs of users in different occasions. It is often used in big monitoring system and residential area monitoring projects.

Detailed technical specifications including conductor materials and electrical characteristics.

名称	数据综合线 (五类屏蔽双绞线)
内导体	2*28 0.50mm±0.05mm
内导体材料	23AWG/24AWG
环绞数	2
绝缘材料	PE
外护套材料	PVC
屏蔽层	有 (可选)
中心分配器	有 (可选)
阻抗	100 Ohm±15 Ohm
直流电阻(最大值)	6.58Ω/100m
电阻不平衡 (最大值)	2.50%
绝缘电阻	5000MΩ·km
外护套颜色	自定义
应用范围	不但可以连接电源, 而且能传输音频、视频信号, 结构紧凑, 使用方便, 满足不同场合的需要, 常用于高清监控系统、居住小区监控系统等。

Comprehensive technical data for the surveillance composite cable, including resistance and impedance metrics.

Conductor Configuration	2*2*0.50mm + 2*28*0.15mm (23AWG/24AWG)
Conductor Material	Oxygen-free Copper, Copper-clad Aluminum
Impedance	100 Ohm
DC Resistance (Max)	6.58 Ohm/100m
Insulation Resistance	5000 MΩ·km

Construction & Materials

Materials

Component	Material
Insulation	PE
Outer Sheath	PVC

Optional Features

Shielding • Ripcord • Center Splitter

Compliance & Packaging

包装展示 | Packaging



Diverse packaging solutions available to facilitate easy installation and dispensing.

Packaging Options

- Easy-pull box
- Plastic Reel
- Paper Reel
- Wooden Drum
- Carton
- Roll

Certifications

ISO 9001, ISO 14001, ISO 18001, CE, RoHS, Fluke Test Passed