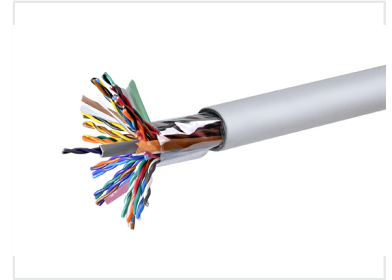


CAT5 Multipair Data Cable

This CAT5 multipair cable uses high-quality oxygen-free copper to ensure excellent tensile and resistance properties. It is designed for telephone, multimedia, and backbone systems.



Overview

High-Performance CAT5 Multipair Cable

This CAT5 multipair data cable is engineered for reliable data transmission and networking applications. Featuring solid bare copper conductors and robust high-density polyethylene insulation, it ensures consistent signal integrity. Designed for versatility, this cable is suitable for Ethernet, Fast Ethernet, and Gigabit Ethernet networks in both commercial and residential indoor environments.

Physical Parameters

Conductor Material	Solid bare copper
Conductor Gauge	24AWG
Insulation Material	High-density polyethylene
Insulation Diameter	0.9 mm
Jacket Material	PVC
Jacket Diameter	13.3 mm
Operating Temperature Range	-20°C to 60°C

Electrical Performance

Key Transmission Metrics

45 ns/100m

Transmission Delay

69 %

Transmission Speed

9.5 Ω/100m

DC Resistance

Capacitance	6.6 nF/100m
DC Resistance Unbalance	5 %

Standards & Compliance

Standards	IEC 60332-1, GB/T18015, ISO/IEC11801, ANSI/TIA-568.2-D
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