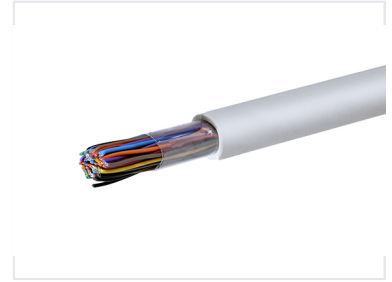


CAT3 Multipair Communication Cable

This multipair cable utilizes high-quality oxygen-free copper to ensure excellent tensile properties and electrical resistance. It is designed for telephone, multimedia, and trunk system applications.



Overview

CAT3 Multipair Communication Cable

This CAT3 multipair communication cable is engineered for reliable voice and data transmission in telephone systems and low-speed communication networks. It features solid bare copper conductors and high-density polyethylene insulation to ensure consistent signal integrity. Designed to meet international standards including IEC, EN, and ANSI/TIA, this cable offers versatile installation options with durable PVC or PE jacket materials suitable for various temperature environments.

Standards & Compliance

Compliance Standards

IEC 60332-1, IEC 60332-3-24, EN50399, GB/T18015, ISO/IEC 11801, ANSI/TIA-568.2-D

Physical Construction

Jacket Material

- PVC
- PE

Jacket Diameter by Pair Count

Pair Count	Diameter (mm)
25 Pairs	11.3 ± 0.8
50 Pairs	15.0 ± 1.0
100 Pairs	20.2 ± 1.0

Conductor Material	Solid bare copper
Conductor Gauge	24AWG
Insulation Material	High-density polyethylene
Insulation Diameter	0.87 mm

Operating Environment

Operating Temperature Range

-30 °C

PE Jacket Min

60 °C

PE/PVC Jacket Max

-20 °C

PVC Jacket Min

Electrical Performance

Key Electrical Parameters

45 ns/100m

Max Transmission Delay

69 %

Transmission Speed

6.6 nf/100m

Max Capacitance

9.5 Ω /100m

Max DC Resistance

5 %

DC Resistance Unbalance