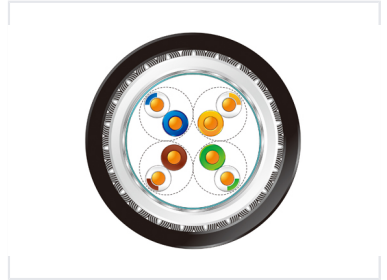


# CAT5e Ethernet Cable

This high-speed data cable is designed for cabling systems in mines, tunnels, and outdoor areas prone to pests and rodents. It is suitable for fixed installation and burial.



## Overview

### High-Performance CAT5e Ethernet Solution

This CAT5e Ethernet cable is engineered for reliable data transmission in demanding networking environments. Designed with advanced shielding and durable materials, it supports signal transmission up to 100 MHz while providing robust protection against physical damage and EMI. Its specialized construction makes it an ideal choice for both residential and commercial installations requiring long-lasting performance.

## Technical Parameters

Temperature Range	-40°C ~ 80°C
Test Voltage	1000 V
Characteristic Impedance	100 Ω
Insulation Resistance	e6@m
Minimum Bending Radius	15D (Fixed Application)

## Standards

Compliance Standards	IEC61156-5, ANSI/TIA-568-C.2, EN50173, ISO/IEC11801
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## Cable Construction

### Materials Breakdown

Component	Material
Conductor	Solid bare copper
Insulation	PE
Shield	AL / Mylar screen
Inner Jacket	LSZH
Armored	Galvanized steel wire braid
Outer Jacket	Nylon

## Features

### Key Features

- Pest resistance (anti-rodent, anti-termite)
- High tensile strength and abrasion resistance
- Excellent EMI resistance via AL/Mylar screen
- Signal transmission up to 100 MHz

## General

Jacket Color

Black