

CAT6 Unshielded Ethernet Outlet

This CAT6 unshielded outlet is designed with an optimized PCB for enhanced crosstalk margin. It supports short links and up to 6 connections, featuring tool-free termination for quick installation.



Overview

High-Performance CAT6 Connectivity

This CAT6 unshielded Ethernet outlet is engineered for reliable, high-speed data transmission in structured cabling systems. Featuring a robust ABS plastic housing and phosphor bronze contact points, it ensures long-term durability and consistent signal integrity. Designed for versatility, it supports a wide range of wire gauges, making it an ideal solution for residential, commercial, and industrial network installations.

Physical Parameters

Plug Life	750 cycles
Wiring Life	200 times
Compatible Wire Gauges	22 AWG, 24 AWG, 26 AWG

Environmental Conditions

Operating Temperature

-10 °C
Min Temp

60 °C
Max Temp

Storage Temperature

-40 °C
Min Storage

68 °C
Max Storage

Relative Humidity	10% ~ 90%
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Electrical Specifications

Insulation Resistance	500 m Ω
Pressure Resistance	1000 VAC
DC Current Rating	1.5 Amps
Contact Resistance	20 m Ω

Materials

Material Breakdown

Component	Material
Front Housing	ABS (UL94V-0)
Needle/Contact	Phosphor Bronze
IDC Clamping	Phosphor Bronze