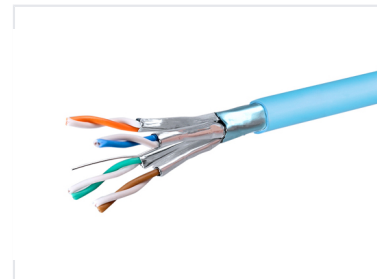


# Shielded Twisted Pair CAT6A Cable

This cable utilizes high-quality oxygen-free copper to ensure excellent tensile and electrical resistance. Optimized design and skin foam insulation enhance transmission performance, improving crosstalk and return loss for higher bandwidth.



## Product Overview

### High-Performance CAT6A Networking

This Shielded Twisted Pair (STP) CAT6A cable is engineered for demanding network environments, supporting reliable data transmission up to 10 Gigabit Ethernet speeds. It features robust construction with solid bare copper conductors and specialized shielding to minimize crosstalk and electromagnetic interference. Designed for high-bandwidth applications, this cable is suitable for data centers and enterprise-grade network infrastructure.

## Physical Parameters

### Sheath Diameter

**7.1 mm**

Unshielded

**7.3 mm**

U/FTP Shielded

**7.5 mm**

F/FTP Shielded

### Conductor Material

Solid bare copper

### Shielding

Aluminum foil

### Insulation Materials

High-density polyethylene (unshielded), Skin-foamed skin polyethylene (shielded)

## Environmental & Compliance

### Compliance

RoHS • REACH

### Operating Temperature

#### Jacket Type

#### Temperature Range

LSZH

-30°C to 50°C

PVC

-20°C to 50°C

## Electrical Parameters

### Transmission Speed

**69 %**

Unshielded

**74 %**

Shielded

### Max DC Resistance

9.38 © / 100

## Standards

### Reference Standards

- UL444
- UL1581
- UL1666
- IEC60332-1
- IEC60332-3-24
- EN50399

### Test Standards

- ISO/IEC11801
- ANSI/TIA-568-C.2
- IEC-61156-5