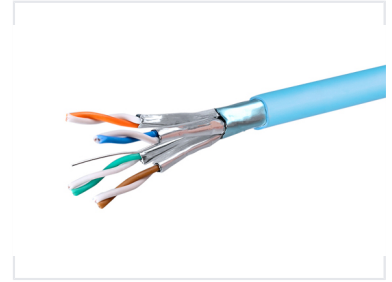


Shielded Twisted Pair CAT6A Cable

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 Ω / 100m
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Standards

Reference Standards

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

Test Standards

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