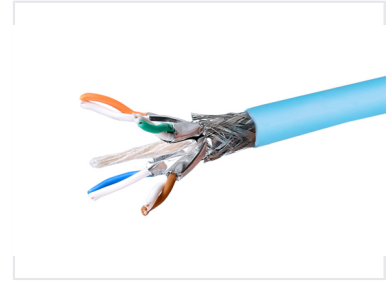


Shielded Twisted Pair CAT7A Cable

This CAT7A cable is designed for high-bandwidth applications including VoIP, ISDN and 10 Gigabit Ethernet. With a test bandwidth up to 1000MHz, it supports data transmission up to 10Gbps.



Product Overview

High-Performance CAT7A Networking

This Shielded Twisted Pair CAT7A cable is engineered for demanding high-bandwidth network environments, supporting frequencies up to 1000 MHz. Featuring robust S/FTP shielding with aluminum foil and braided tinned copper or aluminum-magnesium alloy, it provides exceptional protection against electromagnetic interference. Designed for reliability, the cable meets stringent international standards including ISO/IEC 11801 and IEC 61156-5, ensuring stable performance for 10GBASE-T Ethernet applications.

Standards & Compliance

Regulatory Compliance

UL444, UL1581, UL1666, IEC60332-1, IEC60332-3-24, EN50399, ISO/IEC11801, IEC61156-5, RoHS, REACH

Physical Parameters

Physical Construction

Feature	Specification
Conductor	Solid bare copper, 0.58 ± 0.005mm
Insulation Diameter	1.35 ± 0.05mm
Sheath Diameter	7.9 ± 0.5mm
Shielding	Aluminum foil (pairs) + Braid (e40% coverage)

Mechanical Parameters

Mechanical Durability

Property	PVC Min.	LSZH Min.
Tensile Strength (Before Aging)	13.5 Mpa	10.0 Mpa
Elongation (Before Aging)	150%	125%
Tensile Strength (After Aging)	12.5 Mpa	8 Mpa
Elongation (After Aging)	125%	100%

Electrical Parameters

Transmission Performance

25 ns/100m

Transmission Delay Difference

74 %

Transmission Speed

9.5 Ω00m

Max DC Resistance

Environmental

Operating Temperature

-30 to 50 (LSZH)