

# Shielded Foiled Twisted Pair CAT7 Ethernet Cable

S/FTP CAT7 Lan cable features shielded foiled twisted pair construction for superior signal integrity and reduced electromagnetic interference. It is designed for high-speed data transmission in demanding network environments and suitable for 10 Gigabit Ethernet applications and beyond.



## Product Overview

### High-Performance CAT7 Connectivity

This S/FTP CAT7 Ethernet cable is engineered for high-speed data environments, supporting bandwidths up to 600MHz and 10 Gigabit Ethernet transmission. Its advanced shielded foiled twisted pair construction provides superior signal integrity by effectively minimizing electromagnetic interference. Designed for versatility, it is ideal for demanding network infrastructures ranging from VoIP and ISDN to complex 1.2G ATM and IEEE802.3 standards.

## Technical Specifications

### Key Performance Metrics

**600 MHz**

Test Bandwidth

**10 Gbps**

Max Transmission

### Construction Materials

- Conductor: Solid bare copper / Stranded copper
- Insulation: Foam HDPE
- Individual Shield: AL/PET
- Overall Shield: TC Braiding
- Jacket: Lead-free PVC or LSZH

### Temperature Rating

- 60
- 75

## Compliance and Standards

### Reference Standards

- UL444
- IEC 61156-5
- TIA/EIA568C.2
- EN50575
- EN50399

### Flame Retardant Grades

CMX, CM, CMG, CMR, CPR Eca, CPR Dca, CPR Cca