

Ethernet Cables: CAT-5e • CAT-6 • CAT-6a • CAT-8



Ethernet Cables from Amphenol Cables on Demand offer a level of quality, reliability and service longevity that is unparalleled in the industry. This is thanks to a combination of superior components, vertical manufacturing techniques and the industry's best cable testing and qualification regime using the latest-generation of Fluke DTX-Series Cable Analyzer equipment. It is this very triad of technical excellence that is the cornerstone of a Genuine

Amphenol Cables on Demand-brand Category-5e (CAT5e), Category-6 (CAT-6), Category-6a (CAT-6a) and Category-8 (CAT-8) Network Patch Cord. Our Ethernet Cables are guaranteed to perform within TIA/EIA performance limits from day-one of their network integration throughout their entire projected 25-year service life, delivering piece of mind to our customers.

ETHERNET CABLE TYPES

- **Category 5e (CAT-5e) Ethernet Cables**
 - **Category 5e (CAT-5e) Crossover Cables**
 - **Category 5e (CAT-5e) Ethernet Cables**
 - **Category 5e (CAT-5e) Shielded Ethernet Cables**
- **Category 6 (28-AWG Slim CAT-6) Ethernet Cables**
- **Category 6 (CAT-6) Ethernet Cables**
- **Category 6a (28-AWG Slim CAT-6A) Ethernet Cables**
- **Category 6A (CAT-6A) Ethernet Cables**
- **Category 8 (CAT-8) Ethernet Cables**
- **Modular Phone Cables**

SPECIFICATIONS

Category 5e (CAT-5e) Ethernet Cables

- Available in Standard Cat-5E UTP, Cat-5e UTP Crossover & Cat-5e Shielded (SF/UTP)
- All varieties feature 350 MHz maximum bandwidth capacity for superior headroom
- 24-AWG stranded pure copper wire construction for flexibility and low attenuation
- 1000BASE-T (Gigabit Ethernet) & 2.5GBASE-T (2.5 Gigabit Ethernet) up to 100m/330'
- Shielded (F/UTP) and Double-Shielded (SF/UTP) versions optimized for high EMI/RFI

Category 6 (CAT-6) Ethernet Cables

- Available in both Standard Cat-6 UTP and Slim-Line Cat-6 UTP Ethernet Cable varieties
- All varieties feature 550 MHz maximum bandwidth capacity for expanded throughput
- Our Standard CAT-6 Ethernet Cable features 24-AWG stranded copper wire (6.2mm OD)
- Our Slim-Line CAT-6 utilizes 28-AWG wire for a 32% reduction in diameter (4.2mm OD)
- TIA/EIA Certified support for 10-Gigabit Ethernet (10GBASE-T) traffic up to 55m/180'

Category 6A (CAT-6A) Ethernet Cables

- Available in Standard Cat-6a F/UTP and Slim-Line Cat-6a UTP Ethernet Cable varieties
- All CAT-6A versions feature 650 MHz maximum bandwidth with additional headroom
- Our Standard CAT-6A Ethernet Cable features 26-AWG Shielded (F/UTP) wire (6.1mm OD)
- Our Slim-Line CAT-6A utilizes 28-AWG wire for a 31% reduction in diameter (4.2mm OD)
- TIA/EIA Certified support for 10G Ethernet (10GBASE-T) at twice the distance of CAT-6

Category 8 (CAT-8) Ethernet Cables

- NEW Category-8 Ethernet Cables from Amphenol offer "Future-Proof" network performance
- CAT-8 features 2000 MHz of bandwidth, 4X the core bandwidth capacity of CAT-6A (500 MHz)
- Innovative 26-AWG U/FTP Foil-Shielded wire design features individually shielded twisted pairs
- TIA/EIA Certified support for 25G Ethernet & 40G Ethernet traffic up to 30m distance (98')
- Save up to 90% over equivalent 25G SFP28 and 40G QSFP+ Direct Attach Copper (DAC) Cables

Scan to learn more about
Ethernet Cables: CAT-5e

- CAT-6 • CAT-6a • CAT-8



*Disclaimer: Please note that the above information is subject to change without notice.