Bulk Cat6A Ethernet Cable, 1000ft, CMP Plenum Rated, F/UTP, 23AWG Solid Pure Copper Wire, White - TAA Compliant

**Product ID:** WIRC6AFUTPCMPWH1K



This bulk Cat6A cable meets or exceeds all Category 6a cable specifications to ensure reliable 10Gb network connections. The cable features F/UTP construction, with unshielded twisted pairs enclosed by an overall foil shield to reduce electromagnetic and radio-frequency interference (EMI/RFI), providing the ideal solution for fast and safe network connections.

Each cable is tested for up to 500MHz frequency and is more than suitable for 10GBase-T Ethernet networks.

The CMP plenum-rated jacket meets strict fire and low-smoke requirements, making it suitable for routing through air-handling spaces in commercial and enterprise environments, including data center and in-wall pathways.

Constructed with 100% copper and foil-shielded, twisted-pair wiring, this cable was built for quality performance. The cable is designed to keep the data signals traveling through your network free from interference and is perfect in environments that are prone to large amounts of EMI.

Each of our cables is manufactured using high-quality copper conductors and they are carefully constructed and tested, to keep Near-End Crosstalk (NEXT) well within acceptable limits.

Cat6A bulk cable made from 23AWG copper is ideal for demanding Ethernet applications, facilitating Power-over-Ethernet and seamless, low-latency data transmissions.

## Certifications, Reports and Compatibility

## Applications

• Designed for plenum installation runs in walls, between floors and elevator shafts where CMP fire rating is required

• Deliver data, voice and video over 10 Gigabit networks

## Features

• Enable Scalable Network Builds: Bulk Cat6A cable delivers 10Gbps performance up to 500MHz, ideal for high speed servers and network drops; Supports Power over Ethernet (4PPoE) for simplified connectivity to LAN access points and PoE-powered edge devices

• Ensure Consistent 10G Signaling: Maintain stable signaling in high-density environments with F/UTP shielded Cat6A cabling; Shielded cables are ideal for commercial spaces and data centers where EMI can greatly disrupt performance

• Rated for Plenum Spaces: CMP-rated jacket meets fire safety requirements for plenum installations (between floors, elevator shafts, etc.) where compliance with building codes must be considered

• Solid Copper Wire for Long Runs: Preserve signal integrity over long distances with 23AWG solid pure copper conductors that reduce resistance; Solid wire ensures consistent performance in structured cabling installations

• The IT Pro's Choice: Designed for reliability in edge and on-prem deployments, our network cables are lab-tested and field-proven for seamless integration and maximum uptime; Backed by free lifetime 24/5 multi-lingual technical assistance

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|---|---|---|
| **General** | | |
| | UPC | 065030935500 |
| | Package Quantity | 1 |
| | Warranty | Lifetime |
| **Power** | | |
| | Power Delivery | 90W |
| **Physical & Environmental** | | |
| | Color | White |
| | Wire Gauge | 23 AWG |
| | Conductor Type | Solid Copper |
| | Cable Length | 1000.0 ft [304.8 m] |
| | Cable OD | 0.3 in [7.4 mm] |
| | Product Length | 1000.3 ft [304.9 m] |

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|---|---|---|
| | Product Width | 14.8 in [37.7 cm] |
| | Product Height | 12.4 in [31.4 cm] |
| | Weight of Product | 40.2 lb [18.2 kg] |
| | Operating Temperature | 0C to 60C (32F to 140F) |
| | Storage Temperature | 0C to 60C (32F to 140F) |
| | Humidity | 70% |
| **Performance** | | |
| | Cable Rating | CAT6a - 500 MHz |
| **Hardware** | | |
| | Cable Jacket Material | PVC (Polyvinyl Chloride) |
| | Fire Rating | CMP (Plenum) |
| **Packaging & In-the-Box** | | |
| | Included in Package | 1 - roll of Cat6a cable |
| | Package Width | 17.7 in [45 cm] |
| | Package Depth | 17.7 in [45 cm] |
| | Package Height | 10.8 in [27.4 cm] |
| | Shipping (Package) Weight | 42.3 lb [19.2 kg] |

***Product appearance and specifications are subject to change without notice.***