

## Introducing Cat 6A Unshielded Twisted Pair Cables

Our large selection of Category 6A UTP cables helps you meet demand for the growing number of IP access points and network security applications exceeding 10 Gigabit Networking (10G) bandwidth.

These cables are also ideal for Future 4K Resolution Video because they deliver superior performance in high bandwidth applications.

When you choose West Penn Wire, you get quality products and outstanding support for all your low voltage cable needs.

To optimize your installation, we also provide a wide range of plugs, jacks, patch panels and assemblies.

**Our quality cables are available in riser and plenum types, and include:**

- > Category 6A UTP CMR – **Part Number 4246A**
- > Category 6A UTP CMP – **Part Number 254246A**

### Key Features

- > Data Rate of 10 Gigabits per Second
- > Performance Exceeds TIA/EIA 568C.2 Category 6A Standard
- > Provides up to 625 MHz of Proven Channel Bandwidth
- > Internal Patent Pending Cross Web
- > Available in 6 Colors (Black, Blue, Gray, Green, Violet & White)

### Applications

- 1G & 10G Ethernet Implementation
- 10G AV 4K Resolution Video Distribution
- Power over Ethernet Plus -- 2 Pair up to 30 Watts or 4 Pair up to 60 Watts



## Installation Components

### Modular Plugs

- > 10G Rated
- > **Part Number**  
**CN-CAPFMUL-S1**

### RJ45 Jacks

- > 10G Rated
- > MT Series (uses KJMT-8600 Tool)
- > Available in 8 Colors (Black, Blue, Gray, Green, Orange, Red, White & Yellow)
- > **Part Number**  
**KJ458MT-C6AC-xx**

### Patch Panels

- > Available in 24 & 48 Port Standard
- > Available in Angled Configurations
- > **Part Numbers**  
**24458-C6A & 48458-C6A**

### Assemblies

- > 10G Rated
- > Snag-Free Boots
- > Available in 6 Colors (Black, Blue, Gray, Red, White & Yellow)
- > **Part Number C6A-114CC-XXFB**

### Long Run Assemblies

- > **Part Numbers**  
**CN-CIG-6A-xx Non-Plenum**  
**CN-CIG-256A-xx Plenum**  
Custom Assemblies up to 330ft.

### Optional

- > 17507 Pulling Eye

### Tools

- > **TL-CATWIREST – Network Cable Pair Separation Tool**
- > **TL-CAT6A-CRIMP – Parallel Pliers**

## Specifications for Cat 6A Unshielded Twisted Pair Cables

### Catalog No. 4246A

Category 6A - 4 Pair 23AWG UTP CMR  
 (riser rated)

**Applications:**

- 10/100/1G/10G Ethernet
- iPBaSeT - 4K AV Networking
- AV
- Digital Integration

**ANSI/TIA Category:**

- Category 6A TIA/EIA 568C.2

**Cable Impedance:**

100 Ohms

**Cable Capacitance:**

16pf/ft

**Nominal Velocity of Propagation:**

72%

**UL and CSA Rating:**

CMR / FT4

**Cable O.D.:**

.309"

**Colors:**

Black, Blue, Gray, Green,  
 Violet & White  
 Put Up: 1000ft (1000)

### Catalog No. 254246A

Category 6A - 4 Pair 23AWG UTP CMP  
 (plenum rated)

**Applications:**

- 10/100/1G/10G Ethernet
- iPBaSeT - 4K AV Networking
- AV
- Digital Integration

**ANSI/TIA Category:**

- Category 6A TIA/EIA 568C.2

**Cable Impedance:**

100 Ohms

**Cable Capacitance:**

13pf/ft

**Nominal Velocity of Propagation:**

72%

**UL and CSA Rating:**

CMP / FT6

**Cable O.D.:**

.308"

**Colors:**

Black, Blue, Gray, Green,  
 Violet & White  
 Put Up: 1000ft (1000)