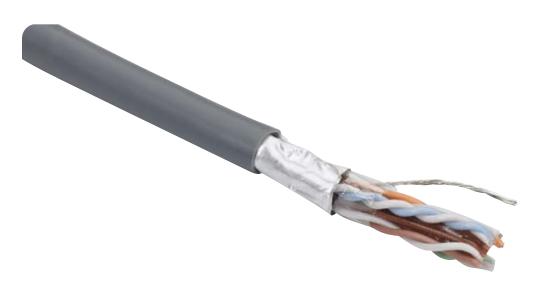# TrueNet®
## CopperTen® F/UTP Solutions



The TrueNet® CopperTen® F/UTP Solution supports 10 Gigabit Ethernet to a full 100m. At high frequencies associated with 10 Gigabit per second alien crosstalk (interference between adjacent cables) hinders performance. The shielding used in the CopperTen F/UTP solution effectively eliminates all alien crosstalk allowing data transmission rates of 10 Gigabits per second.

### Features:

- Exceeds the requirements of IEEE 802.3an IEEE 802.3an (10GBASE-T), ISO 11801 Class EA and TIA/EIA-568-B.2-10 channel requirements
- Maximizes productivity levels with 10 times the data throughput of Category 6
- True future proofing for tomorrow's network applications
- Covered by the TrueNet® System Warranty

# TrueNet®
## CopperTen Augmented Category 6 STP RJ45 Jack

ADC STP CopperTen jack can be used in data center, communications closet and work station for 10G shielded performance. Installed in high-performance networks world wide, the system's design minimizes alien crosstalk and insertion loss and meets the performance requirements of IEEE 802.3an, ISO 11801 Class EA and TIA/EIA-568-B.2-10 standards.

### Features

- TrueNet impedance matched jacks guarantee maximum throughput
- Forty-five degree silver-plated IDCs secure, reliable gas-tight connections
- Universal A/B wiring label

### Ordering Information

| Description | Catalog Number |
| --- | --- |
| C6a STP 568A/B RJ45 jack | 6830 1 811-XX |

Substitute XX for jack colors- 01=White, 02=Ivory, 03=Gray and 04=Black.  Call ADC for other colors

# TrueNet®
## CopperTen Augmented Category 6 F/UTP Patch Panels & Patch Cords

## Patch Panels

ADC's F/UTP CopperTen patch panels can be used in data center, communications closet and workstation for 10G shielded performance. Installed in high-performance networks world wide, the system's design minimizes alien crosstalk and insertion loss and meets the performance requirements of IEEE 802.3an, ISO 11801 Class EA and TIA/EIA-568-B.2-10 standards.

### Features

- Mounts in standard EIA 19-inch (482. 6mm) rack
- Designed specifically to be used with ADC Augmented Category 6 STP jack

### Ordering Information

| Description | Catalog Number |
|---|---|
| **CopperTen Augmented Category 6 F/UTP Patch Panels** | |
| 1U Patch Panel, Category 6 KM8 STP 24 ports | 7022 1 155-24 |
| 1U Patch Panel, Category 6 KM8 STP 24 ports (unloaded) | 7022 2 155-24 |

## Patch Cords

ADC F/UTP CopperTen patch cords can be used in data center, communications closet and work station for 10G shielded performance. Installed in high-performance networks world wide, the system's design minimizes alien crosstalk and insertion loss and meets the performance requirements of IEEE 802.3an, ISO 11801 Class EA and TIA/EIA-568-B.2-10 standards.

The high performance plug design with integrated strain relief boot prevents the cable from being moved at the termination point when the cable is flexed. The strain relief boot also ensures that correct bend radius is maintained.

### Features

- Supports 10 Gigabit Ethernet over shielded copper to a full 100 meters
- Snag less plug design with integrated strain relief
- 20 year TrueNet CopperTen warranty

### Ordering Information

| Description | Catalog Number |
|---|---|
| **F/UTP RJ45 to RJ45 Patch Cords** | |
| Blue | TP10GTF-BLXX |
| White | TP10GTF-WTXX |
| Gray | TP10GTF-GYXX |

Sub xx for length.  04= 4 feet, 07= 7 feet, 10=10 feet, 15=15 Feet, 25=25 feet, 50=50 feet

# TrueNet®
## CopperTen® Four Pair F/UTP Riser Cable & Plenum Cable

## Riser & Plenum Cable

ADC F/UTP CopperTen cable can be used in data center, communications closet and work station for 10G shielded performance. Installed in high-performance networks world wide, the system's design minimizes alien crosstalk and insertion loss and meets the performance requirements of IEEE 802.3an, ISO 11801 Class EA and TIA/EIA-568-B.2-10 standards.

### Features

- Supports 10 Gigabit Ethernet over shielded copper to a full 100 meters
- 20 year TrueNet CopperTen warranty



## Ordering Information

| Description | Catalog Number |
|---|---|
| **Riser Cable** | |
| 1000 foot reel, 41lbs 61kg | 10G-A6TRF-XX02 |
| **Plenum Cable** | |
| 1000 foot reel, 42lbs 62kg | 10G-A6TPF-XX02 |

NOTES: XX = Jacket color - BL = Blue, WT = White, GY = Gray

SPEC SHEET