

# 1499419-1 | TE510P25-WT02

510 Series Copper Cable, category 5e, 25 Pair, UTP, 100 MHz, CMP rated, 24 AWG, 1000 ft reel, white

## OBSOLETE

### Replaced By:

874020906/10  
CS24 25PR WHITE CMP REEL

Category 5e U/UTP Cable, plenum, white jacket, 25 pair count, 1000 ft (305 m) length, reel

## Product Classification

|                              |                                      |
|------------------------------|--------------------------------------|
| <b>Regional Availability</b> | Asia   Latin America   North America |
| <b>Portfolio</b>             | NETCONNECT®                          |
| <b>Product Type</b>          | Twisted pair cable                   |
| <b>Product Series</b>        | 510 Series                           |

## General Specifications

|                                |   |
|--------------------------------|---|
| <b>Product Number</b>          | 510P  |
| <b>ANSI/TIA Category</b>       | 5e  |
| <b>Cable Component Type</b>    | Horizontal  |
| <b>Cable Type</b>              | U/UTP (unshielded)  |
| <b>Conductor Type, singles</b> | Solid   |
| <b>Conductors, quantity</b>    | 50  |
| <b>Jacket Color</b>            | White   |
| <b>Pairs, quantity</b>         | 25  |
| <b>Transmission Standards</b>  | ANSI/TIA-568.2-D   GENELEC EN 50288-6-1   ISO/IEC 11801 Class D |

## Dimensions

|                                      |                     |
|--------------------------------------|---------------------|
| <b>Cable Length</b>                  | 304.8 m   1000 ft   |
| <b>Diameter Over Jacket, nominal</b> | 11.684 mm   0.46 in |
| <b>Conductor Gauge, singles</b>      | 24 AWG              |

## Electrical Specifications

|                                   |  |
|-----------------------------------|--|
| <b>Operating Voltage, maximum</b> | 80 V   |
| <b>Remote Powering</b>            | Fully complies with the recommendations set forth by IEEE 802.3bt (Type 4) for the safe delivery |

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of power over LAN cable when installed according to ISO/IEC 14763-2, CENELEC EN 50174-1, CENELEC EN 50174-2 or TIA TSB-184-A

**Safety Voltage Rating** 300 V

## Material Specifications

**Conductor Material** Bare copper

**Insulation Material** FEP

**Jacket Material** PVC

## Environmental Specifications

**Operating Temperature** -20 °C to +60 °C (-4 °F to +140 °F)

**Environmental Space** Plenum

**Smoke Test Method** CMP/FT6

## Packaging and Weights

**Cable weight** 211.319 kg/km | 142 lb/kft

**Packaging Type** Reel

## Regulatory Compliance/Certifications

| Agency     | Classification  |
|------------|---|
| CHINA-ROHS | Below maximum concentration value   |
| REACH-SVHC | Compliant as per SVHC revision on <a href="https://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a> |
| ROHS       | Compliant   |
| UK-ROHS    | Compliant   |

