## Product Classification

<table>
<thead>
<tr>
<th>Regional Availability</th>
<th>Asia</th>
<th>Latin America</th>
</tr>
</thead>
<tbody>
<tr>
<td>Portfolio</td>
<td>NETCONNECT®</td>
<td></td>
</tr>
<tr>
<td>Product Type</td>
<td>Twisted pair cable</td>
<td></td>
</tr>
<tr>
<td>Product Series</td>
<td>640 Series</td>
<td></td>
</tr>
</tbody>
</table>

## General Specifications

### ANSI/TIA Category
- 6A

### Cable Component Type
- Horizontal

### Cable Type
- F/UTP (shielded)

### Conductor Type, singles
- Solid

### Conductors, quantity
- 8

### Jacket Color
- White

### Pairs, quantity
- 4

### Transmission Standards
- ANSI/TIA-568.2-D  |  CENELEC EN 50288-6-1  |  ISO/IEC 11801 Class EA

## Dimensions

<table>
<thead>
<tr>
<th>Cable Length</th>
<th>304.8 m</th>
<th>1000 ft</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diameter Over Jacket, nominal</td>
<td>7.595 mm</td>
<td>0.299 in</td>
</tr>
<tr>
<td>Conductor Gauge, singles</td>
<td>23 AWG</td>
<td></td>
</tr>
</tbody>
</table>

## Electrical Specifications

### Nominal Velocity of Propagation (NVP)
- 65 %

### Operating Voltage, maximum
- 80 V

### Remote Powering
- Fully complies with the recommendations set forth by IEEE 802.3bt (Type 4) for the safe delivery 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

### Segregation Class
- c
Material Specifications

Conductor Material: Bare copper
Insulation Material: Polyolefin
Jacket Material: Low Smoke Fire Retardant Zero Halogen (LSFRZH)
Shield (Tape) Material: Aluminum/Polyester

Mechanical Specifications

Pulling Tension, maximum: 11.34 kg | 25 lb

Environmental Specifications

Operating Temperature: -20 °C to +75 °C (-4 °F to +167 °F)
Acid Gas Test Method: IEC 60754-2
EN50575 CPR Cable EuroClass Fire Performance: Dca
EN50575 CPR Cable EuroClass Smoke Rating: s2
EN50575 CPR Cable EuroClass Droplets Rating: d2
EN50575 CPR Cable EuroClass Acidity Rating: a1
Flame Test Method: EN 50399 | IEC 60332-3-25
Smoke Test Method: IEC 61034-2

Packaging and Weights

Packaging Type: Reel

Regulatory Compliance/Certifications

Agency | Classification
--- | ---
CHINA-ROHS | Below maximum concentration value
REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS | Compliant