Category 6 U/UTP Cable, 24AWG, low smoke zero halogen, gray jacket, 4 pair count, 305 m length Reel in box

Product Classification

Regional Availability  Asia
Portfolio  NETCONNECT®
Product Type  Twisted pair cable

General Specifications

Product Number  CS30Z1
ANSI/TIA Category  6
Cable Component Type  Horizontal
Cable Type  U/UTP (unshielded)
Conductor Type, singles  Solid
Conductors, quantity  8
Jacket Color  Gray
Pairs, quantity  4
Separator Type  Isolator
Transmission Standards  ANSI/TIA-568.2-D

Dimensions

Cable Length  304.8 m  |  1000 ft
Diameter Over Insulated Conductor  0.978 mm  |  0.038 in
Diameter Over Jacket, nominal  5.588 mm  |  0.22 in
Conductor Gauge, singles  24 AWG

Cross Section Drawing
Electrical Specifications

- **Characteristic Impedance**: 100 ohm
- **Characteristic Impedance Tolerance**: ±15 ohm
- **Nominal Velocity of Propagation (NVP)**: 68%
- **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

Material Specifications

- **Conductor Material**: Bare copper
- **Insulation Material**: Polyolefin
- **Jacket Material**: Low Smoke Zero Halogen (LSZH)
- **Separator Material**: Polyolefin

Environmental Specifications

- **Installation temperature**: 0 °C to +60 °C (+32 °F to +140 °F)
- **Operating Temperature**: -20 °C to +60 °C (-4 °F to +140 °F)
- **Acid Gas Test Method**: IEC 60754-2
- **Environmental Space**: Low Smoke Zero Halogen (LSZH)
- **Flame Test Method**: IEC 60332-1
Smoke Test Method

IEC 61034-2

Packaging and Weights

Packaging Type

Reel in box