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 | Latin America

Portfolio
NETCONNECT®

Product Type
Twisted pair cable

General Specifications

Product Number
CS30Z3

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 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
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 60332-3-22
Smoke Test Method: IEC 61034-2
## Packaging and Weights

| Packaging Type | Reel in box |