UTG760250768 | 1071E-UTG SGR C6 4/23 U/UTP W1000



GigaSPEED XL® 1071E-UTG ETL Verified Category 6 U/UTP Cable, nonplenum, spring green jacket, 4 pair count, 1000 ft (305 m) length, WE TOTE® box

Product Classification

Regional Availability

Asia | Australia/New Zealand | Latin America | North America

Portfolio SYSTIMAX®

Product Type Twisted pair cable

Product Brand GigaSPEED XL®

General Specifications

Product Number 1071E-UTG

ANSI/TIA Category 6

Cable Component Type Horizontal

Cable Type U/UTP (unshielded)

Conductor Type, singles Solid
Conductors, quantity 8

Jacket Color Spring green

Pairs, quantity 4

Separator Type Bisector

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

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Dimensions

Cable Length 304.8 m | 1000 ft

 Diameter Over Insulated Conductor
 1.029 mm | 0.041 in

 Diameter Over Jacket, nominal
 5.893 mm | 0.232 in

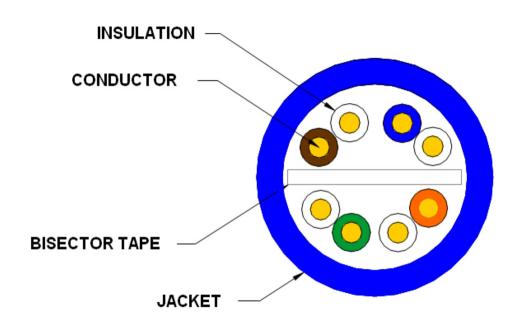
 Jacket Thickness
 0.559 mm | 0.022 in

Conductor Gauge, singles 23 AWG

Cross Section Drawing



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Electrical Specifications

dc Resistance Unbalance, maximum 5 %

dc Resistance, maximum 7.61 ohms/100 m | 2.32 ohms/100 ft

Dielectric Strength, minimum1500 Vac | 2500 VdcMutual Capacitance at Frequency5.6 nF/100 m @ 1 kHz

Nominal Velocity of Propagation (NVP) 69 %

Operating Frequency, maximum300 MHzOperating Voltage, maximum80 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 MaterialBare copperInsulation MaterialPolyolefinJacket MaterialPVC

Separator Material Polyolefin

Mechanical Specifications



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Pulling Tension, maximum 11.34 kg | 25 lb

Environmental Specifications

Installation temperature $0 \,^{\circ}\text{C}$ to +60 $^{\circ}\text{C}$ (+32 $^{\circ}\text{F}$ to +140 $^{\circ}\text{F}$)

Operating Temperature $-20 \,^{\circ}\text{C}$ to +60 $^{\circ}\text{C}$ (-4 $^{\circ}\text{F}$ to +140 $^{\circ}\text{F}$)

Environmental SpaceNon-plenumTemperature Rating, UL75 °C | 167 °FFlame Test MethodCMG | CMR

Packaging and Weights

Cable weight 38.097 kg/km | 25.6 lb/kft

Packaging Type WE TOTE® box

