

# 620098

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LITANG® ETL Verified Category 6 U/UTP Cable, plenum, blue jacket, 4 pair count, 1000 ft (305 m) length, LITANG® box

## Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand   EMEA   Latin America   North America
<b>Portfolio</b>	LITANG®
<b>Product Type</b>	Twisted pair cable
<b>Product Brand</b>	LITANG®

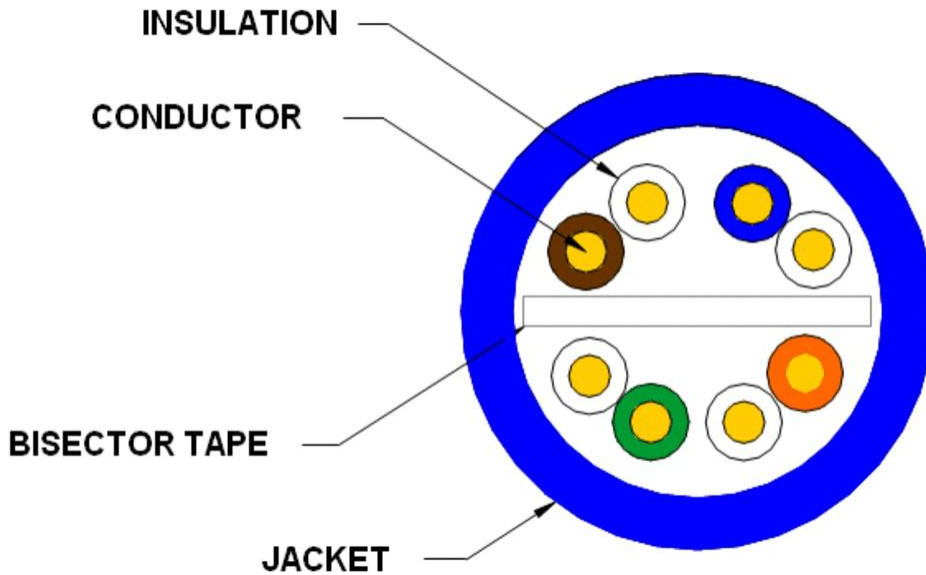
## General Specifications

<b>Product Number</b>	620098
<b>ANSI/TIA Category</b>	6
<b>Cable Component Type</b>	Horizontal
<b>Cable Type</b>	U/UTP (unshielded)
<b>Conductor Type, singles</b>	Solid
<b>Conductors, quantity</b>	8
<b>Jacket Color</b>	Blue
<b>Pairs, quantity</b>	4
<b>Separator Type</b>	Bisector
<b>Transmission Standards</b>	ANSI/TIA-568-C.2   CENELEC EN 50288-6-1   ISO/IEC 11801 Class E

## Dimensions

<b>Cable Length</b>	1000 ft   304.8 m
<b>Diameter Over Jacket, nominal</b>	0.226 in   5.74 mm
<b>Jacket Thickness</b>	0.022 in   0.559 mm
<b>Conductor Gauge, singles</b>	23 AWG

## Cross Section Drawing



## Electrical Specifications

<b>dc Resistance Unbalance, maximum</b>	5 %
<b>dc Resistance, maximum</b>	7.61 ohms/100 m   2.32 ohms/100 ft
<b>Dielectric Strength, minimum</b>	1500 Vac   2500 Vdc
<b>Mutual Capacitance at Frequency</b>	5.6 nF/100 m @ 1kHz
<b>Nominal Velocity of Propagation (NVP)</b>	71 %
<b>Operating Frequency, maximum</b>	300 MHz
<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 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

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<b>Conductor Material</b>	Bare copper
<b>Insulation Material</b>	FEP   Polyolefin
<b>Jacket Material</b>	PVC
<b>Separator Material</b>	Flame retardant polyolefin

## Mechanical Specifications

<b>Pulling Tension, maximum</b>	25 lb   11.34 kg
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## Environmental Specifications

<b>Installation temperature</b>	0 °C to +60 °C (+32 °F to +140 °F)
<b>Operating Temperature</b>	-20 °C to +60 °C (-4 °F to +140 °F)
<b>Environmental Space</b>	Plenum
<b>Temperature Rating, UL</b>	75 °C   167 °F
<b>Flame Test Method</b>	CMP
<b>Smoke Test Method</b>	CMP

## Packaging and Weights

<b>Cable weight</b>	29 lb/kft   4.009 kg/km
<b>Packaging Type</b>	LITANG® box

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.litangcables.com/ProductCompliance">www.litangcables.com/ProductCompliance</a>
ROHS	Compliant

