

884018508/10 | CAT3ZB1 50/26 GRAY U/UTP RL305M



Copper Cable, category 3, 50 pair, U/UTP, LSZH, China B1, 1000 ft, gray

- Exceptional 100-Ohm series cables for both analog and digital services
- Meets or exceeds industry requirements and environmental regulations
- Small outside diameter and cross-sectional area in bundles and cable
- Innovative design and enhanced electrical and mechanical performance

Product Classification

Regional Availability	Asia
Portfolio	NETCONNECT®
Product Type	Twisted pair cable

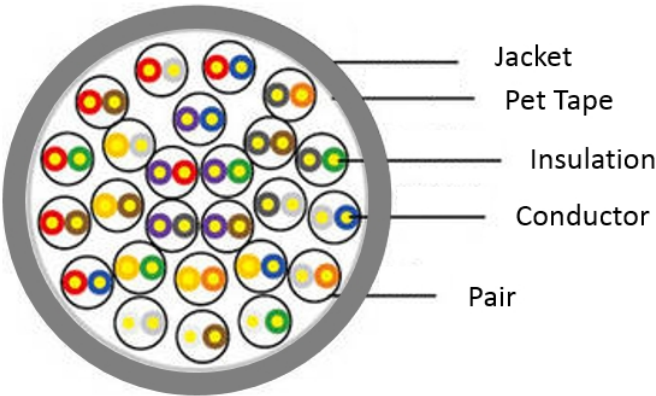
General Specifications

ANSI/TIA Category	3
Cable Component Type	Horizontal
Cable Type	U/UTP (unshielded)
Conductor Type, singles	Solid
Conductors, quantity	100
Jacket Color	Gray
Pairs, quantity	50
Transmission Standards	ANSI/TIA-568-D.2

Dimensions

Cable Length	304.8 m 1000 ft
Diameter Over Jacket, nominal	13.487 mm 0.531 in
Conductor Gauge, singles	26 AWG

Cross Section Drawing



Electrical Specifications

Characteristic Impedance	100 ohm
Characteristic Impedance Tolerance	±15 ohm
dc Resistance, maximum	14 ohms/100 m 4.267 ohms/100 ft
Mutual Capacitance at Frequency	5.6 nF/100 m @ 1 kHz
Operating Voltage, maximum	80 V

Material Specifications

Conductor Material	Bare copper
Insulation Material	Polyolefin
Jacket Material	Low Smoke Zero Halogen (LSZH)

Mechanical Specifications

Minimum Bend Radius, multiple Bends	54 mm 2.126 in
-------------------------------------	------------------

Environmental Specifications

Operating Temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Storage Temperature	-20 °C to +70 °C (-4 °F to +158 °F)
GB 31247 Cable China Class Fire Performance	B1
GB 31247 Cable China Class Smoke Toxicity Rating	t0
GB 31247 Cable China Class Droplets Rating	d0

884018508/10 | CAT3ZB1 50/26 GRAY U/UTP RL 305M

GB 31247 Cable China Class Acidity/Corrosion Rating a1

Packaging and Weights

Packaging Type Reel