

COLORTRAK®

TECHNICAL DATA SHEET

Category 6 U/UTP Indoor Cable LSZH Bare Copper



1. Product Description

COLORTRAK® CAT6 UTP Bare Copper LSZH Indoor Cable is a high-performance Category 6 unshielded twisted pair (U/UTP) cable designed for reliable high-speed data transmission in indoor structured cabling systems. The cable is insulated with high-quality polyethylene and protected by a **Low Smoke Zero Halogen (LSZH)** outer jacket, making it ideal for indoor environments where fire safety and low toxic emissions are critical. Its robust 4-pair configuration supports Gigabit Ethernet, voice, data, and video applications in commercial and residential installations.



2. Product Classification

Specification	Details
Product Type	Twisted Pair Cable
Category	Category 6
Cable Type	U/UTP (Unshielded)
Cable Component Type	Horizontal
Number of Pairs	4
Brand	COLORTRAK®

3. Construction Materials

Specification	Details
Conductor Material	Bare Copper
Conductor Gauge	23 AWG / 0.57 ± 0.005 mm
Number of Conductors	8
Insulation Material	Polyethylene (PE)
Separator	Star Separator
Shielding	Unshielded
Jacket Material	LSZH
Jacket Color	Yellow



4. Dimensions

Specification	Details
Cable Length	305 m (1000 ft)
Outer Diameter	6.00 mm \pm 0.2 mm
Packaging Type	Box

5. Electrical Specifications

Specification	Details
Category Rating	ANSI/TIA Category 6
Transmission Standards	ANSI/TIA-568-B.2
International Standard	ISO/IEC 11801

6. Environmental Specifications

Specification	Details
Operating Temperature	-20 °C to +60 °C (-4 °F to +140 °F)

For more inquiries:

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