

# Cat6A U/UTP Patch cable



## Product information

UCS CAT6A U/UTP Copper Cable

## Description

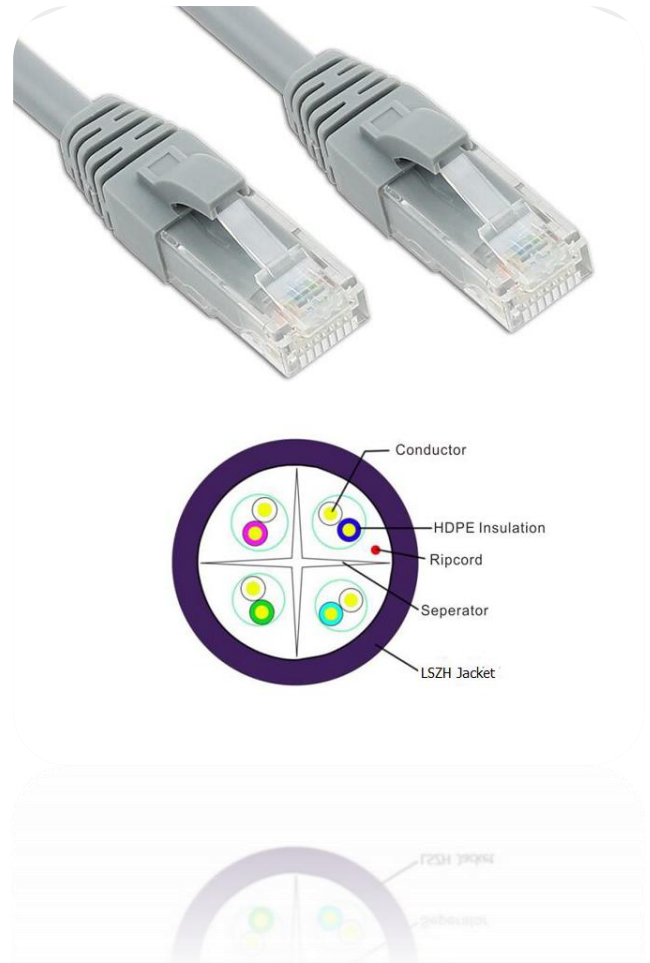
Category 6 (Cat6) U/UTP (unshielded twisted pair) Low Smoke Zero Halogen (LSZH/LSOH) cables are manufactured and tested to meet TIA/EIA 568-C.2 Category 6 and ISO/IEC 11801 Ed2 Class E standards. Cat6 U/UTP LSZH cables provide higher performance and headroom than Cat5e UTP and feature more stringent specifications for crosstalk and system noise.

## Features

- Complies with Category 6A UL444, ANSI/TIA/EIA 568B&ISO/IEC 11801 Standard
- Supports transmission of digital and analogue voice, data and video signal.
- With RJ45 connector in both sides
- Products can pass FLUKE test.
- Rated Temperature: -20°to +75°

## Application

- 10G Base T(IEEE 802.3)
- Fast Ethernet(IEEE 802.3u)
- Token Ring(IEEE 802.5)
- TP-PMD (ANSI X3T9.5)
- 10G Mbps CDDI
- ATM 10G Mbps



Inner Conductor	Material	Bare Copper Pass Fluke Test	
	Diameter	7*0.16mm (26AWG)	
Insulation (Dielectric)	Material	New PE (Polyethylene)	
	Thickness	≥0.21mm	
	Diameter	1.05 ± 0.05mm	
Cross Separator	Material	Plastic	
Twisted Pair	N/A	Pair 1: Blue, White/ Blue	
		Pair 2: Orange, White/ Orange	
		Pair 3: Green, White/ Green	
		Pair 4: Brown, White/ Brown	
Outer Jacket	Material	Low Smoke Zero Halogen (LSZH/LSOH)	
	Thickness	≥0.65mm	
	Normal O.D.	6.0mm ± 0.1mm	
Boot	Material	Low Smoke Zero Halogen (LSZH/LSOH)	
	Shape	Customized	
	Technology	Injection Molding	
Connector	Type	RJ45 CAT6A Connector	
Sheath Physical Properties	Before Aging	Tensile Strength (Mpa)	≥10.0
		Elongation (%)	≥125
	Aging Period	°C * hrs	100°C* 24h * 7d
	After Aging	Tensile Strength (Mpa)	≥8
		Elongation (%)	≥100
	Cold Bend	-20°C ± 2°C * 4 h	No Visible Cracks
Electrical Characteristics (20°C)	Impedance (Ω)	1-100 MHz	100 ± 15
		100-250 Mhz	100 ± 18
		250-1000 MHz	100 ± 25
	Delay Shew	20°C (ns/100m)	≤25
	Velocity of Propagation	%	74
	DC Resistance	20°C (Ω/ 100m) MAX.	9.5
	DC Conductor Resistance Unblance	(%) MAX.	2.0
	Unbalanced to Ground Capacitance	PF/100M MAX.	330

## Packing

- 1 Piece/ Polybag
- Any length per piece is available as request