

Cat.6A 23AWG×4P Solid F/UTP



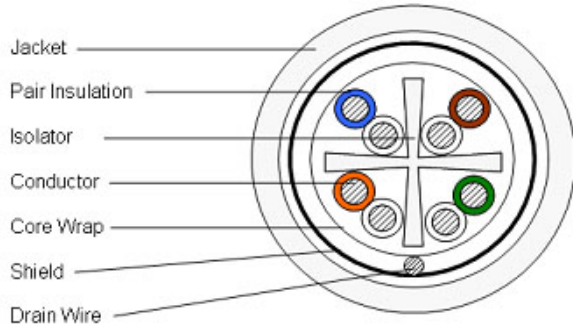
ITEM	SPECIFICATION
CABEL	F/UTP Cat6A 23AWG × 4-P Pairs Mould Separate + Jacket
CORE	4-Pairs Solid Copper, 4/23 AWG

CONDUCTOR	Material	Solid Copper	Solid Copper	Solid Copper	Solid Copper
	Size	23AWG(1/23AWG)	23AWG(1/23AWG)	23AWG(1/23AWG)	23AWG(1/23AWG)
INSULATION	Material	HDPE	HDPE	HDPE	HDPE
	Thickness	0.248mm	0.248mm	0.248mm	0.248mm
	O.D.	1.08mm± 0.05 mm	1.08mm±0.05 mm	1.08mm±0.05 mm	1.08mm±0.05 mm
FILLER	Material	Mould Separate			
JACKET	Material	PVC / LSZH			
	Thickness	0.57mm			
	O.D.	7.4mm±0.30mm			
	Colour	Orange,Blue,White			
Marking	Cat.6A 23AWG×4P F/UTP C(UL) ANSI/TIA568C.2   ISO/IEC 11801 Class EA				

## COLOR CODE / CONSTRUCTION

23AWG \* 4P COLOR :  
ANSI/TIA Category: 6A

- 1.Light blue-White/Blue
- 2.Orange – White/Orange
- 3.Light Green – white/Green
- 4.Brown – white/Brown



## ELECTRONIC CHARACTERISTICS

ANSI/TIA Category	6A
dc Resistance Unbalance, maximum	4 %
dc Resistance, maximum	8.00 ohms/100 m
Mutual Capacitance	5.6 nF/100 m @ 1 kHz
Nominal Velocity of Propagation (NVP)	68 %
Operating Frequency, maximum	550 MHz
Operating Voltage, maximum	80 V
Transmission Standards	ANSI/TIA568C.2
	ISO/IEC 11801 Class EA

## Environmental Specifications

Environmental Space	Low Smoke Zero Halogen (LSZH)
Acid Gas Test Method	IEC 607542
Flame Test Method	IEC 60332322
Installation Temperature	0 °C to +60 °C (+32 °F to +140 °F)
Operating Temperature	-20°C to +60 °C (4°F to +140 °F)
Smoke Test Method	IEC 610342

## General Specifications

Cable Type	F/UTP (shielded)
Pairs, quantity	4
Cable Component Type	Horizontal
Packaging Type	Reel
Jacket Color	White
Conductor Gauge	23 AWG
Conductor Type	Solid
Conductors, quantity	8
Separator Type	Isolator

## Construction Materials

Jacket Material	PVC/LSZH
Conductor Material	Bare copper
Insulation Material	Polyolefin
Separator Material	Polyolefin
Separator 2 Material	Polyolefin

## Dimensions

Cable Length	305 m   1000 ft
Cable Weight	36.90 lb/kft
Diameter Over Jacket	7.239 mm   0.285 in
Jacket Thickness	1.295 mm   0.051 in

