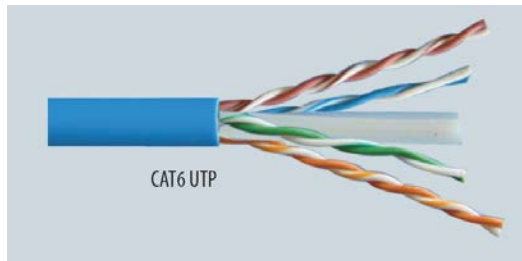


Cat.6 23AWG×4P Solid U/UTP



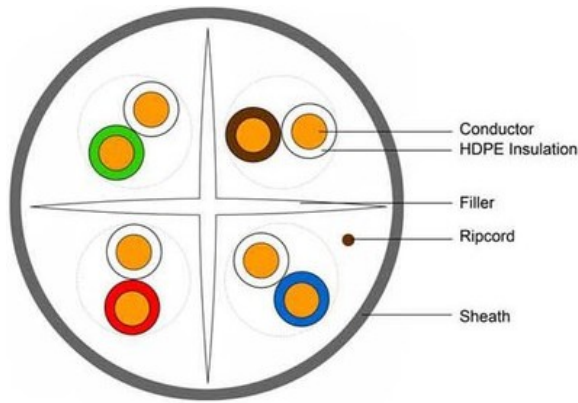
ITEM	SPECIFICATION
CABEL	U/UTP Cat6 23AWG * 4-P Pairs Mould Separate + Jacket
CORE	4-Pairs Solid Copper, 4/23 AWG

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
	Thicknes s	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			
	Thicknes s	0.58mm			
	O.D.	6.4mm±0.30mm			
	Colour	Orange,Blue,White			
Marking	Cat.6 23AWG*4P UTP C(UL) TIA/EIA 568B.2-1 ETL VERIFIED				

## COLOR CODE / CONSTRUCTION

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

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



## ELECTRONIC CHARACTERISTICS

DC Conductor Resistance ( $\Omega/100M$  : 7.91)  
 Insulation Resistance : Min 150M $\Omega$ /KM  
 Return Loss (dB): Min 23  
 Delay Skew(ns/100m):57  
 Impedance ( $\Omega$ ) :  $100 \pm 15\Omega$   
 Attenuation (dB/100M) :

1.00MHz	2.04	20.0MHz	8.58
4.00MHz	3.82	25.0MHz	9.50
8.00MHz	5.38	31.25MHz	10.83
10.0MHz	6.02	62.5MHz	15.66
16.0MHz	7.60	100.0MHz	20.22
155.5MHz	25.82	200MHz	29.75
250MHz	33.7		

## PHYSICAL PROPERTIES OF JACKET

Tensile Strength (psi) : Min. 1800  
 Aged (%) : Min. 70  
 Heat Shock Test : No Cracking  
 Cold Bend Teat : No Cracking  
 Deformation Teat (%) : Max 50

