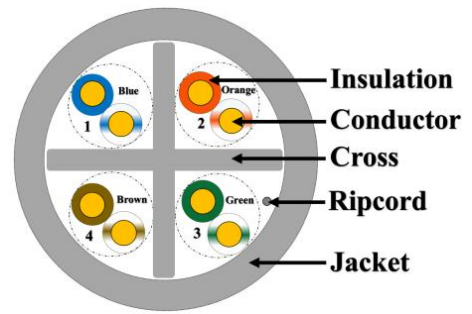


# U/UTP CAT6 24AWG CABLE



## ITEM NO.

U/UTP CAT6 23AWG

## TEST STANDARD

ISO/IEC 11801, TIA/EIA 568C.2

## CONDUCTOR

### MATERIAL

Solid Bare Copper

### OUTER DIAMETER

0.53±0.005mm

## INSULATION

### MATERIAL

HDPE

### OUTER DIAMETER

0.95±0.05mm

## OUTER JACKET

### THICKNESS

0.55±0.05mm

### EXTERNAL O.D.

5.8±0.2mm

### MATERIAL

PVC

LSZH

PE

### COLOR

As required

## ELECTRICAL CHARACTERISTICS (20°C)

Impedance(Ω) 100±15

Delay Shew(ns/100m) ≤45

NVP 69%

Capacitance(nf/100m) ≤5.6

DC Resistance(Ω/100m) ≤9.38

DC Conductor Resistance

Unbalance(%) ≤2.0

## RIP-CORD

YES

## DRAIN WIRE

NO

## PACKING

### PULL CARTON



### PLASTIC REEL & PULL CARTON



### PALLET



HANGZHOU AFSON CABLE &  
WIRE CO., LTD.

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## TECHNICAL PERFORMANCE(100M)

FREQUENCY (MHz)	RL ≥dB	ATT(20°C) ≤dB	NEXT ≥dB	PSNEXT ≥dB	ELFEXT ≥dB	PS ELFEXT ≥dB
1.0	20.0	2.0	74.3	72.3	67.8	64.8
4.0	23.0	3.8	65.3	63.3	55.8	52.8
8.0	24.5	5.3	60.8	58.8	49.7	46.7
10.0	25.0	6.0	59.3	57.3	47.8	44.8
16.0	25.0	7.6	56.2	54.2	43.7	40.7
20.0	25.0	8.5	54.8	52.8	41.8	38.8
25.0	24.3	9.5	53.3	51.3	39.8	36.8
31.25	23.6	10.7	51.9	49.9	37.9	34.9
62.5	21.5	15.4	47.4	45.4	31.9	28.9
100	20.1	19.8	44.3	42.3	27.8	24.8
200	18.0	29.0	39.8	37.8	21.8	18.8
250	17.3	32.8	38.3	36.3	19.8	16.8

## JACKET PHYSICAL PROPERTIES

AGING				COLD BEND	
ITEM		Aging Period	100°C*24h*7d	Cold Period	-20±2°C*4h
		Before Aging	After Aging	Bend Radius	8*Cable O.D.
PVC	Tensile Strength	≥13.5Mpa	≥12.5Mpa	No Visible Cracks	
	Elongation	≥150%	≥125%		
LSZH	Tensile Strength	≥10.0Mpa	≥8.0Mpa	No Visible Cracks	
	Elongation	≥125%	≥100%		
PE	Tensile Strength	≥10.0Mpa	≥8.0Mpa	No Visible Cracks	
	Elongation	≥350%	≥300%		



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