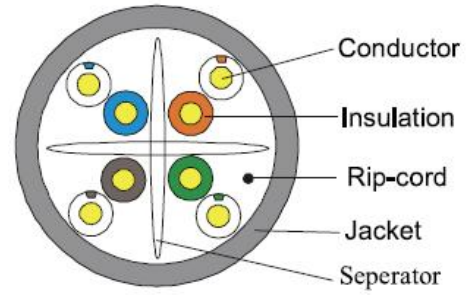


U/UTP CAT6 24AWG CABLE



ITEM NO.

CAT6 U/UTP 24AWG

TEST STANDARD

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

CONDUCTOR

MATERIAL

Solid Bare Copper

OUTER DIAMETER

0.51±0.01mm

INSULATION

MATERIAL

HDPE

OUTER DIAMETER

0.92±0.05mm

OUTER JACKET

THICKNESS

0.55±0.05mm

EXTERNAL O.D.

5.6±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(%) ≤2.5

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 (FLUKE 90M)

FREQUENCY (MHz)	IL(20°C) ≤dB	NEXT ≥dB	PSNEXT ≥dB	ACR-F ≥dB	PS ACR-F ≥dB	RL ≥dB
1.0	3.0	65.0	62.0	64.2	61.2	19.1
4.0	3.5	64.1	61.8	52.1	49.1	21.0
8.0	5.0	59.4	57.0	46.1	43.1	21.0
10.0	5.5	57.8	55.5	44.2	41.2	21.0
16.0	7.0	54.6	52.2	40.1	37.1	20.0
20.0	7.9	53.1	50.7	38.2	35.2	19.5
25.0	8.9	51.5	49.1	36.2	33.2	19.0
31.25	10.0	50.0	47.5	34.3	31.3	18.5
62.5	14.4	45.1	42.7	28.3	25.3	16.0
100	18.6	41.8	39.3	24.2	21.2	14.0
200	27.4	36.9	34.3	18.2	15.2	11.0
250	31.1	35.3	32.7	16.2	13.2	10.0

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	4*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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