

U/UTP CAT6 CABLE



ITEM NO.

- 6 U/UTP AWG23

TEST STANDARD

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

CONDUCTOR

MATERIAL

- Solid Bare Copper

NOM.O.D.

- 0.55 ±0.003mm

INSULATION

MATERIAL

- HDPE

NOM.O.D.

- 1.00 ±0.03mm

JACKET

THICKNESS

- 0.55 ±0.05mm

EXTERNAL O.D.

- 6.0 ±0.3mm

MATERIAL

- PVC
- LSZH
- PE

COLOR

- As required

ELECTRICAL

CHARACTERISTICS (20)

- Impedance() 100 ±15
- Delay Shew(ns/100m) 45
- NVP 69%
- Capacitance(nf/100m) 5.6
- Capacitance unbalanced to-ground(pf/100m) 330
- DC Resistance(/ 100m) 9.5
- DC Conductor Resistance Unbalance(%) 5.0

RIP-CORD

- Yes

DRAIN WIRE

- No



PULL CARTON

DIMENSION

42*42*21cm

LENGTH

305 ±1.5m

PLASTIC REEL & PULL CARTON



DIMENSION

33*26.5*34cm

LENGTH

305 ±1.5m

WOODEN REEL & CARTON

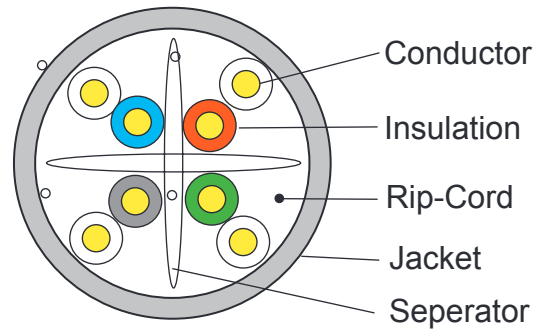


DIMENSION

31*31*27cm

LENGTH

305 ±1.5m



TECHNICAL PERFORMANCE(100M):

FREQUENCY (MHz)	RL dB	ATT(20°) dB	NEXT dB	ACR dB	FREQUENCY (MHz)	PSNEXT dB	ELFEXT dB	PSELFEXT dB
1.0	20.0	2.0	74.3	72.3	1.0	72.3	67.8	64.8
4.0	23.0	3.8	65.3	61.5	4.0	63.3	55.8	52.8
8.0	24.5	5.3	60.8	55.5	8.0	58.8	49.7	46.7
10.0	25.0	6.0	59.3	53.3	10.0	57.3	47.8	44.8
16.0	25.0	7.6	56.2	48.6	16.0	54.2	43.7	40.7
20.0	25.0	8.5	54.8	46.3	20.0	52.8	41.8	38.8
25.0	24.3	9.5	53.3	43.8	25.0	41.3	39.8	36.8
31.25	23.6	10.7	51.9	41.2	31.25	49.9	37.9	34.9
62.5	21.5	15.4	47.4	32.0	62.5	45.4	31.9	28.9
100	20.1	19.8	44.3	24.5	100	42.3	27.8	24.8
200	18.0	29.0	39.8	10.8	200	37.8	21.8	18.8
250	17.3	32.8	38.3	5.5	250	36.3	19.8	16.8

JACKET PHYSICAL PROPERTIES

JACKET

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

P/N	DESCRIPTION
UU6.55.PV - E	Cat6 U/UTP AWG23 PVC Jacket CPR class Eca
UU6.55.LS - E	Cat6 U/UTP AWG23 LSZH Jacket CPR class Eca
UU6.55.PE - E	Cat6 U/UTP AWG23 PE Jacket CPR class Eca
UU6.55.PVPE - F	Cat6 U/UTP AWG23 PVC + PE Jacket CPR class Fca
UU6.55.LS - D	Cat6 U/UTP AWG23 PE Jacket CPR class Fca

Special Jackets in accordance with customer's requirements

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