

# U/UTP CAT3 CABLE



## ITEM NO.

- 3 U/UTP AWG24/25-50-100cp

## TEST STANDARD

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

## CONDUCTOR

### MATERIAL

- Solid Bare Copper

### NOM.O.D.

- 0.50 ±0.003mm

## INSULATION

### MATERIAL

- HDPE

### NOM.O.D.

- 0.87 ±0.03mm

## JACKET

### THICKNESS

- 0.85/0.90/1.00 ±0.05mm

### EXTERNAL O.D.

- 11.3/15.0/20.2 ±0.8mm

### MATERIAL

- PVC
- LSZH
- PE

### COLOR

- As required

## ELECTRICAL

### CHARACTERISTICS (20)

- Impedance( ) 100 ±15
- Delay Shew(ns/100m) 45
- NVP 65%
- Capacitance(nf/100m) 6.6
- DC Resistance( /100m) 9.5
- DC Conductor Resistance 5.0
- Unbalance(%)

### RIP-CORD

- Yes

### DRAIN WIRE

- No

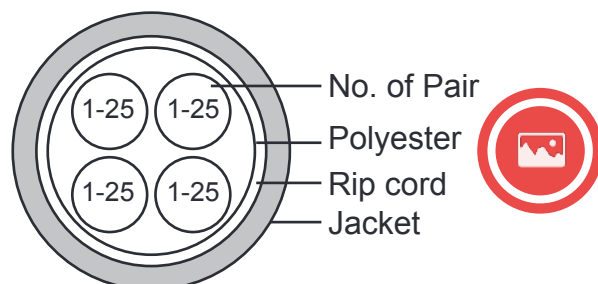


## WOODEN REEL & CARTON



## LENGTH

305 ±1.5m



## TECHNICAL PERFORMANCE(100M):

FREQUENCY (MHz)	RL dB	ATT(20°) dB	NEXT dB	FREQUENCY (MHz)	PSNEXT dB	ELFEXT dB	PSELFEXT dB
1.0	12.0	2.6	41.3	1.0	41.3	39.0	39.0
4.0	12.0	5.6	32.3	4.0	32.3	26.9	26.9
8.0	12.0	8.5	27.8	8.0	27.8	20.9	20.9
10.0	12.0	9.7	26.3	10.0	26.3	19.0	19.0
16.0	9.95	13.1	23.3	16.0	23.3	14.9	14.9

## JACKET PHYSICAL PROPERTIES

### JACKET

		AGING		COLD BEND	
	ITEM	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
UU3.50.PV(25-50-100cp)	Cat3 U/UTP AWG24 PVC Jacket
UU3.50.LS(25-50-100cp)	Cat3 U/UTP AWG24 LSZH Jacket
UU3.50.PE(25-50-100cp)	Cat3 U/UTP AWG24 PE Jacket