

# 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.

- $0.50 \pm 0.005$ mm

## INSULATION

### MATERIAL

- HDPE

### NOM.O.D.

- $0.87 \pm 0.05$ mm

## JACKET

### THICKNESS

- $0.85/0.90/1.00 \pm 0.05$ mm

### EXTERNAL O.D.

- $11.3/15.0/20.2 \pm 0.8$ mm

### MATERIAL

- PVC
- LSZH
- PE

### COLOR

- As required

## ELECTRICAL

### CHARACTERISTICS (20)

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

### RIP-CORD

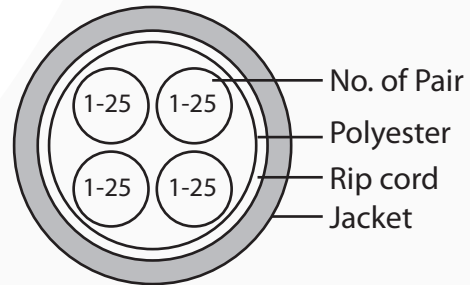
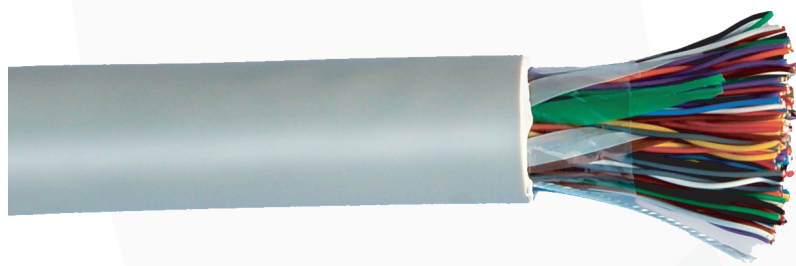
- Yes

### DRAIN WIRE

- No



WOODEN REEL	PALLET
	



## 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.				
<b>PVC</b>	Tensile Strength	≥13.5 Mpa	≥12.5 Mpa	No Visible Cracks					
	Elongation	≥150 %	≥125 %						
<b>LSZH</b>	Tensile Strength	≥10.0 Mpa	≥8.0 Mpa			No Visible Cracks			
	Elongation	≥125%	≥100%						
<b>PE</b>	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