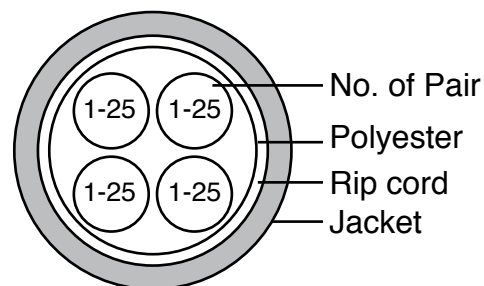


U/UTP CAT3 CABLE



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.

- $0.50 \pm 0.003\text{mm}$

INSULATION

MATERIAL

- HDPE

NOM.O.D.

- $0.87 \pm 0.03\text{mm}$

JACKET

THICKNESS

- $0.85/0.90/1.00 \pm 0.05\text{mm}$

EXTERNAL O.D.

- $11.3/15.0/20.2 \pm 0.8\text{mm}$

MATERIAL

- PVC
- LSZH
- PE

COLOR

- According to Requires

ELECTRICAL CHARACTERISTICS (20)

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

RIP-CORD

- Yes

DRAIN WIRE

- No

PACKING

WOODEN REEL & CARTON



LENGTH

$305 \pm 1.5\text{m}$

U/UTP CAT3 CABLE

TECHNICAL PERFORMANCE(100M):

FREQUENCY	RL	ATT(20°)	NEXT	FREQUENCY	PSNEXT	ELFEXT	PSELFEXT
(MHz)	≥dB	≤dB	≥dB	(MHz)	≥dB	≥dB	≥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
UU3.50PE(25-50-100cp)	Cat3 U/UTP AWG24 PE jacket