

U/UTP CAT5E CABLE



ITEM NO.

- 5 Enhanced U/UTP AWG24

TEST STANDARD

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

CONDUCTOR

MATERIAL

- Solid Bare Copper

NOM.O.D.

- 0.48±0.005mm

INSULATION

MATERIAL

- HDPE

NOM.O.D.

- 0.87±0.05mm

JACKET

THICKNESS

- 0.50±0.05mm

EXTERNAL O.D.

- 4.9±0.3mm

MATERIAL

- PVC
- LSZH
- PE

COLOR

- As required

ELECTRICAL

CHARACTERISTICS (20)

- Impedance(Ω) 100±15
- Delay Shew(ns/100m) ≤45
- NVP 69%
- Capacitance(nf/100m) ≤5.6
- DC Resistance(Ω /100m) ≤9.5
- DC Conductor Resistance ≤5.0
- Unbalance(%)

RIP-CORD

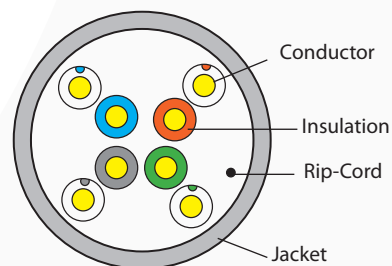
- Yes

DRAIN WIRE

- No



PULL CARTON	PLASTIC REEL & PULL CARTON	PALLET
		



TECHNICAL PERFORMANCE(100M):

FREQUENCY (MHz)	RL ≥dB	ATT(20°) ≤dB	NEXT ≥dB	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB	PHASE DELAY ≤ns
1.0	20.0	2.0	65.3	62.3	63.8	60.8	570
4.0	23.0	4.1	56.3	53.3	51.8	48.8	552
8.0	24.5	5.8	51.8	48.8	45.7	42.7	547
10.0	25.0	6.5	50.3	47.3	43.8	40.8	545
16.0	25.0	8.2	47.2	44.4	39.7	36.7	543
20.0	25.0	9.3	45.8	42.8	37.8	34.8	542
25.0	24.3	10.4	44.3	41.3	35.8	32.8	541
31.25	23.6	11.7	42.9	39.9	33.9	30.9	540
62.5	21.5	17.0	38.4	35.4	27.9	24.9	539
100	20.1	22.0	35.3	32.3	23.8	20.8	538

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 %				