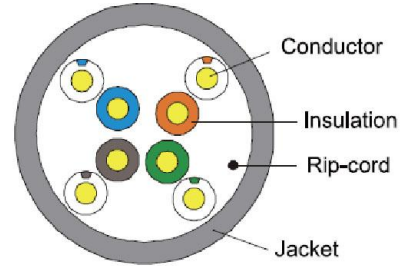


UTP CAT5E CU CABLE



Category	UTP CAT5E CU 24AWG-4P			Jacket Physical Properties	Before Aging Tensile Strength(Mpa)≥10.0
Test Standard	ISO/IEC 11801、TIA/EIA 568C.2				Elongation(%)≥125
Conductor	Material	Solid Bare Copper		Electrical Characteristics (20°C)	Aging Period(°C*hrs) 100°C*24h*7d
	Nom.O.D.	0.48±0.005mm			After Aging Tensile Strength(MPa) ≥8.0
Insulation	Material	HDPE		Elongation(%) ≥100	
	Nom.O.D.	0.87±0.05mm		Coldbend(-20±2°C*4h) No visible cracks	
Jacket	Thickness	0.50±0.05mm		Impedance(Ω) 100±15	
	External O.D.	4.9±0.3mm		Delay Shew(ns/100m) ≤45	
	Material	LSZH		NVP 69%	
	Color	Grey		Capacitance(nf/100m) ≤5.6	
Rip-cord	Yes	Drain Wire	No	DC Resistance(Ω/100m) ≤9.5	

Technical Performance(100m):								
Frequency	RL	ATT(20°C)	NEXT	ACR	Frequency	PSNEXT	ELFEXT	PSELFEXT
(MHz)	≥dB	≤dB	≥dB	≥dB	(MHz)	≥dB	≥dB	≥dB
1.0	20.0	2.0	65.3	63.3	1.0	62.3	63.8	60.8
4.0	23.0	4.1	56.3	52.2	4.0	53.3	51.8	48.8
8.0	24.5	5.8	51.8	46.0	8.0	48.8	45.7	42.7
10.0	25.0	6.5	50.3	43.8	10.0	47.3	43.8	40.8
16.0	25.0	8.2	47.2	39.0	16.0	44.4	39.7	36.7
20.0	25.0	9.3	45.8	36.5	20.0	42.8	37.8	34.8
25.0	24.3	10.4	44.3	33.9	25.0	41.3	35.8	32.8
31.25	23.6	11.7	42.9	31.2	31.25	39.9	33.9	30.9
62.5	21.5	17.0	38.4	21.4	62.5	35.4	27.9	24.9
100	20.1	22.0	35.3	13.3	100	32.3	23.8	20.8