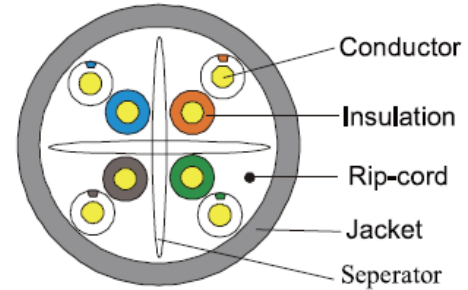


UTP CAT6 CU CABLE



Category	UTP CAT6 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			Aging Period(°C*hrs) 100°C*24h*7d
	Nom.O.D.	0.525±0.005mm			After Aging Tensile Strength(MPa) ≥8.0
Insulation	Material	HDPE		Elongation(%) ≥100	
	Nom.O.D.	0.95±0.05mm		Coldbend(-20±2°C*4h) No visible cracks	
Jacket	Thickness	0.45±0.05mm		Impedance(Ω) 100±15	
	External O.D.	5.5±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	
				Pull Carton	Pallet

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	74.3	72.3	1.0	72.3	67.8	64.8
4.0	23.0	3.8	65.3	61.5	4.0	63.3	55.8	52.8
8.0	24.5	5.3	60.8	55.5	8.0	58.8	49.7	46.7
10.0	25.0	6.0	59.3	53.3	10.0	57.3	47.8	44.8
16.0	25.0	7.6	56.2	48.6	16.0	54.2	43.7	40.7
20.0	25.0	8.5	54.8	46.3	20.0	52.8	41.8	38.8
25.0	24.3	9.5	53.3	43.8	25.0	51.3	39.8	36.8
31.25	23.6	10.7	51.9	41.2	31.25	49.9	37.9	34.9
62.5	21.5	15.4	47.4	32.0	62.5	45.4	31.9	28.9
100	20.1	19.8	44.3	24.5	100	42.3	27.8	24.8
200	18.0	29.0	39.8	10.8	200	37.8	21.8	18.8
250	17.3	32.8	38.3	5.5	250	36.3	19.8	16.8