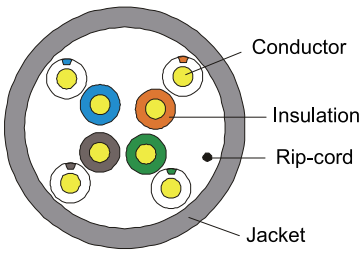
UTP 4Pairs cable-category5E-100MHz



Category	UTP CAT5E-4P				Jacket Physical Properties	Before Aging TensileStrength(Mpa) ≥13.5 Elongation(%) ≥150	
Test Standard	ISO/IEC11801、TIA-568-C.2					Aging Period(℃×hrs)	100℃×24h×7d
Conductor	Material	Solid-Bare Copper				After Aging Tensile Strength(Mpa) ≥12.5 Elongation(%) ≥125	
	Nom.O.D.(mm)	0.500	Up	+0.003			
			Down	-0.003			
Insulation	Material	HDPE				Coldbend(-20±2℃×4h)	No visible cracks
	Diameter	0.88±0.03mm					
Jacket	Thickness	0.55±0.05mm			Electrical Characteristics (20℃)	Impedance(Ω)	100±15
	ExternalO.D.	5.0±0.3mm				Delay Shew(ns/100m)	≤45
	Material	PVC/LSZH				NVP	69%
	Color	According to the requires				Capacitance (nf/100m) max	5.6
						DC Resistance(Ω/100m) max	9.5
Rip-cord	Yes	Drainwire	No			DC Resistance Unbalance(%)max	5.0

Packing	Pull Carton	Reel & Carton	Pallet
			
Dimension	35cm*35cm*21cm	33cm*27.5cm*33cm	———
Packing length	305±1.5m	305±1.5m	———

Technical Performance(100m):

Frequency (MHz)	RL ≥dB	ATT(20℃) ≤dB	NEXT ≥dB	ACR ≥dB	Frequency (MHZ)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥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