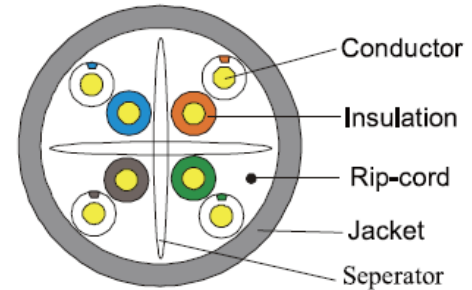


UTP CAT6 CCA CABLE



Category	UTP CAT6 CCA 23AWG-4P			Jacket Physical Properties	Before Aging Tensile Strength(Mpa)≥10.0
Test Standard	ISO/IEC 11801、TIA/EIA 568C.2				Elongation(%)≥125
Conductor	Material	Copper Clad Aluminum			Aging Period(°C*hrs) 100°C*24h*7d
	Nom.O.D.	0.56±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	0.55±0.05mm		Impedance(Ω) 100±15	
	External O.D.	5.8±0.3mm		Delay Shew(ns/100m) ≤45	
	Material	LSZH		NVP 69%	
	Color	Grey		Capacitance(nf/100m) ≤5.6	
Rip-cord	Yes	Drain Wire	No	Electrical Characteristics (20°C)	DC Resistance(Ω/100m) ≤9.5

Technical Performance(FLUKE 80m, Allowance $\pm 5\%$):								
Frequency	RL	ATT(20°C)	NEXT	ACR	Frequency	PSNEXT	ELFEXT	PSELFEXT
(MHz)	\geq dB	\leq dB	\geq dB	\geq dB	(MHz)	\geq dB	\geq dB	\geq 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