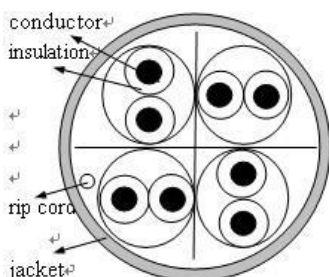


Cat6 Computer Cable



Technical info

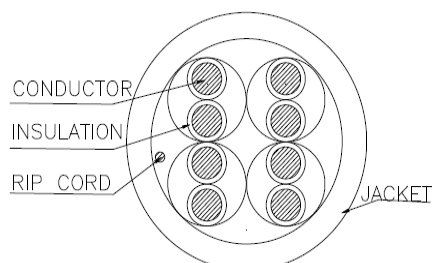
Configuration & physical Characters:			Electric Characters:		TIA CAT6 Channel									
Type of cable	UTP		1. Mutual Capacitance	5.6nF/100m Max	Freq (Mhz)	Insert loss(dB)	RL(dB)	NEXT (dB)	PSNEXT(dB)	ACR (dB)	PSACR (dB)	ACRF (dB)	PSACRF(dB)	
Length per reel	305M		2. Conductor Resistance	MAX 9.38Ω/100m at 20°C	1	3.0	19.1	65.0	62.0	62.0	59.0	64.2	61.2	
Number of pairs	4		3. Insulation Resistance	MIN 150MΩ/KM	4	3.5	21.0	64.1	61.8	60.6	58.3	52.1	49.1	
Field of application	indoor		4. Capacitance Unbalance	MAX 330pF/100m	10	5.0	21.0	59.4	57.0	54.4	52.1	46.1	43.1	
Category	Cat.6		5. Resistance Unbalance	MAX 5%	16	5.5	21.0	57.8	55.5	52.3	49.9	44.2	41.2	
Flame Rating:			6. Skew	45ns/100m max	20	7.0	20.0	54.6	52.2	47.6	45.2	40.1	37.1	
Conductor	Material	CCAM	7. Velocity of Propagation	72% nom	25	7.9	19.5	53.1	50.7	45.2	42.8	38.2	35.2	
	Size	23AWG	8. Impedance	100±15Ω	31.25	8.9	19.0	51.5	49.1	42.7	40.2	36.2	33.2	
	Construction	1/0.57±0.015 mm			62.5	10.0	18.5	50.0	47.5	40.0	37.6	34.3	31.3	
Insulation	Material	HDPE			100	14.4	16.0	45.1	42.7	30.8	28.3	28.3	25.3	
	Thickness	MIN at any point: 0.23mm MAX AVG: 0.26mm			150	18.6	14.0	41.8	39.3	23.3	20.7	24.2	21.2	
	Diameter	1.06 ± 0.01mm			200	27.4	11.0	36.9	34.3	9.6	7.0	18.2	15.2	
	Color code	Blue/White-Blue				250	31.1	10.0	35.3	32.7	4.2	1.6	16.2	13.2
		Orange/White-Orange				Test : TIA CAT6 Channel test by fluke 80+/-5m								
		Green/White-Green				TOLERANCES ARE								
Brown/White-Brown				DIMENSIONS ARE IN mm										
Elongation	MIN 300%				FRACTIONS DECIMALS ANGLES .X±0.20 .XX±0.12									
Tensile strength	MIN 1.682Kg/mm ²				MOLD NO.									
Jacket	Material	PVC			Marking: CRM 23AWG 4PR SOLID CM UTP ISO/IEC 11801 AND TIA/EIA 568 VERIFIED CAT6 001-305M									
	Thickness	MIN at any point: 0.53mm MAX AVG: 0.57mm												
	Diameter	6.3±0.2mm												
	Colors	per request												

Stock code

No.	Description
CAUC6.	CRM CCA CAT6 DATA CABLE

Note: Due to continuous development and improvement, our company reserves the right to change specification without notice.

Cat5E Computer Cable



Technical info

Configuration & physical Characters:			Electric Characters:		TIA CAT5E CHANNEL											
Type of cable		UTP				Freq (Mhz)	Insert loss(dB)	NEXT(dB)	RL (dB)	PSNEXT(dB)	ACR-N (dB)	ACR-F(dB)	PSACR(dB)	ACRF (dB)	PSACRF(dB)	
Length per reel		305M		1. Mutual Capacitance		5.6nF /100 m Max										
Number of pairs		4		2. Insulation Resistance		MIN 150M Ω/KM	1	3.0	60.0	17.0	57.0	57.0	57.4	54.0	54.4	
Field of application		indoor		3. Capacitance Unbalance		MAX 330pF /100 m	4	4.5	53.5	17.0	50.5	49.1	45.4	46.1	47.9	
Category		Cat.5e		4. Resistance Unbalance		MAX 5%	8	6.3	48.6	17.0	45.6	42.3	39.3	39.3	41.5	
Flame Rating:				5. Skew		45ns/ 100m max	10	7.1	47.0	17.0	44.0	39.9	37.4	36.9	39.3	
Conductor		Material		6. Velocity of Propagation		72% nom	16	9.1	43.6	17.0	40.6	34.5	33.3	42.2	31.5	
		Size		7. Impedance		100±1 5Ω	20	10.2	42.0	17.0	39.0	31.8	31.4	40.7	28.8	
		Construction					25	11.4	40.3	16.0	37.3	28.9	29.4	39.1	25.9	
Insulation		Material					31.2 5	12.9	38.7	15.1	35.7	25.9	27.5	37.5	22.9	
		Thickness		HDPE			62.5	18.6	33.6	12.1	30.6	15.0	21.5	32.7	12.0	
		Diameter		MIN at any point: 0.19mm MAX AVG: 0.21mm			100	24.0	30.1	10.0	27.1	6.1	17.4	29.3	3.1	
		Color code		0.90± 0.01mm												
				Blue/White-Blue												
				Orange/White-Orange												
		Green/White-Green		Test	TIA CAT5e Channel test by fluke 80+/-5m											
		Brown/White-Brown		DIMENSIONS ARE IN mm					TOLERANCES ARE							
Elongation		MIN 200%														
Tensile strength		MIN 1.682Kg/mm ²														
Jacket		Material		PVC		MOLD NO.					FRACTIONS DECIMALS ANGLES .X±0.20 .XX±0.12					
		Thickness		MIN at any point: 0.46mm MAX AVG: 0.53mm							Marking: CRM 24AWG 4PR SOLID CM UTP ISO/IEC 11801 AND TIA/EIA 568 VERIFIED CAT5E 001-305M					
		Diameter		5.0±0.2mm												
		Colors		per request												

Stock code

No.	Description
CAUC5.	CRM CCA CAT5E DATA CABLE

Note: Due to continuous development and improvement, our company reserves the right to change specification without notice.