

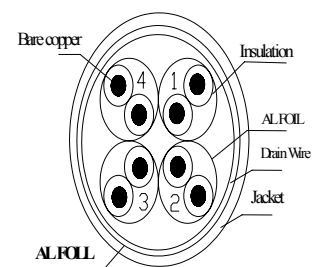
Product specification

Product	CAT6A SSTP SOLID 4P 23AWG		ITEM NO	06-8179	Page	1/2
Edition	2	Established Date		Revised Date	2010-10-28	
Approval		Checked		Finish		

Configuration & Physical Characters:

1. Conductor	Material	Bare Copper
	Construction	1/0.57± 0.015mm
2. Insulation	Material	FO-PE and HD-PE
	Thickness	MIN at any point: 0.30mm MAX AVG:0.37 mm
	Diameter	1.30 ± 0.2mm
	Colors	Blue-White
		Orange-White
Green-White		
3. shield	AL FOIL	0.065×15mm
	DRAIN WIRE	1/0.40mm
	PLEACH	(AIM)16×4×1/0.12mm
4. Jacket	Material	LSOH
	Thickness	MIN at any point: 0.40mm MAX AVG: 0.60mm
	Diameter	7.4 ± 0.3
	Colors	Grey 3521-C 010#
	Elongation	MIN 125%
	Tensile strength	MIN 0.917Kg/mm²
	Aging at 100°C for 168Hrs	MIN ELONGATION RETENTION: 75% MIN TENSILE SUENGTH RETENTION: 70%
5. Marking	Assorted upon request	

Sectionchart:



Product	CAT6A SSTP SOLID 4P			NO.	S6S004	Page	2/2
Edition	2	Established Date			Revised Date	2010-10-28	
Approval		Checked			Finish		

Electric Characters:

1. Spark Test			2000 ± 250 VOC				
2. Conductor Resistance			MAX 9.38 Ω /100m at 20°C				
3. Resistance Unbalance			MAX 5%				
4. Capacitance Unbalance			MAX 330pF/100m				
5. Mutual Capacitance			MAX 560pF/100m				
Freq. (MHz)	Impedance (Ω)	RL (dB)	ATT (dB/100)	NEXT (dB)	PS-NEXT (dB)	ELFEXT (dB/100m)	PS-ELFEXT (dB/100m)
0.772	--	--	1.8	79.0	77.0	73.0	69.0
1	100 ± 15	20.0	2.0	77.0	75.0	71.0	68.0
4	100 ± 15	23.0	3.8	68.0	66.0	59.0	56.0
8	100 ± 15	24.5	5.3	64.0	62.0	53.0	50.0
10	100 ± 15	25.0	6.0	62.0	60.0	51.0	48.0
16	100 ± 15	25.0	7.6	59.0	57.0	47.0	44.0
20	100 ± 15	25.0	8.5	58.0	56.0	45.0	42.0
25	100 ± 15	24.32	9.5	56.0	54.0	43.0	40.0
31.25	100 ± 15	23.64	10.7	55.0	53.0	41.0	38.0
62.5	100 ± 15	21.54	15.4	50.0	48.0	35.0	32.0
100	100 ± 15	20.10	19.8	47.0	45.0	31.0	28.0
155	100 ± 15	19.42	25.2	44.0	42.0	27.0	24.0
200	100 ± 15	18.00	29.0	43.0	41.0	25.0	22.0
250	100 ± 15	17.32	32.8	41.0	39.0	23.0	20.0
300	100 ± 15	16.8	36.4	40.0	38.0	21.0	18.0
350	100 ± 15	16.3	39.8	39.0	37.0	20.0	17.0
400	100 ± 15	15.9	43.0	38.0	36.0	19.0	16.0
450	100 ± 15	15.5	46.0	38.0	36.0	18.0	15.0
500	100 ± 15	15.2	48.9	37.0	35.0	17.0	14.0

600	100 ± 15	14.0	51.2	35.0	33.0	15.0	12.0
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