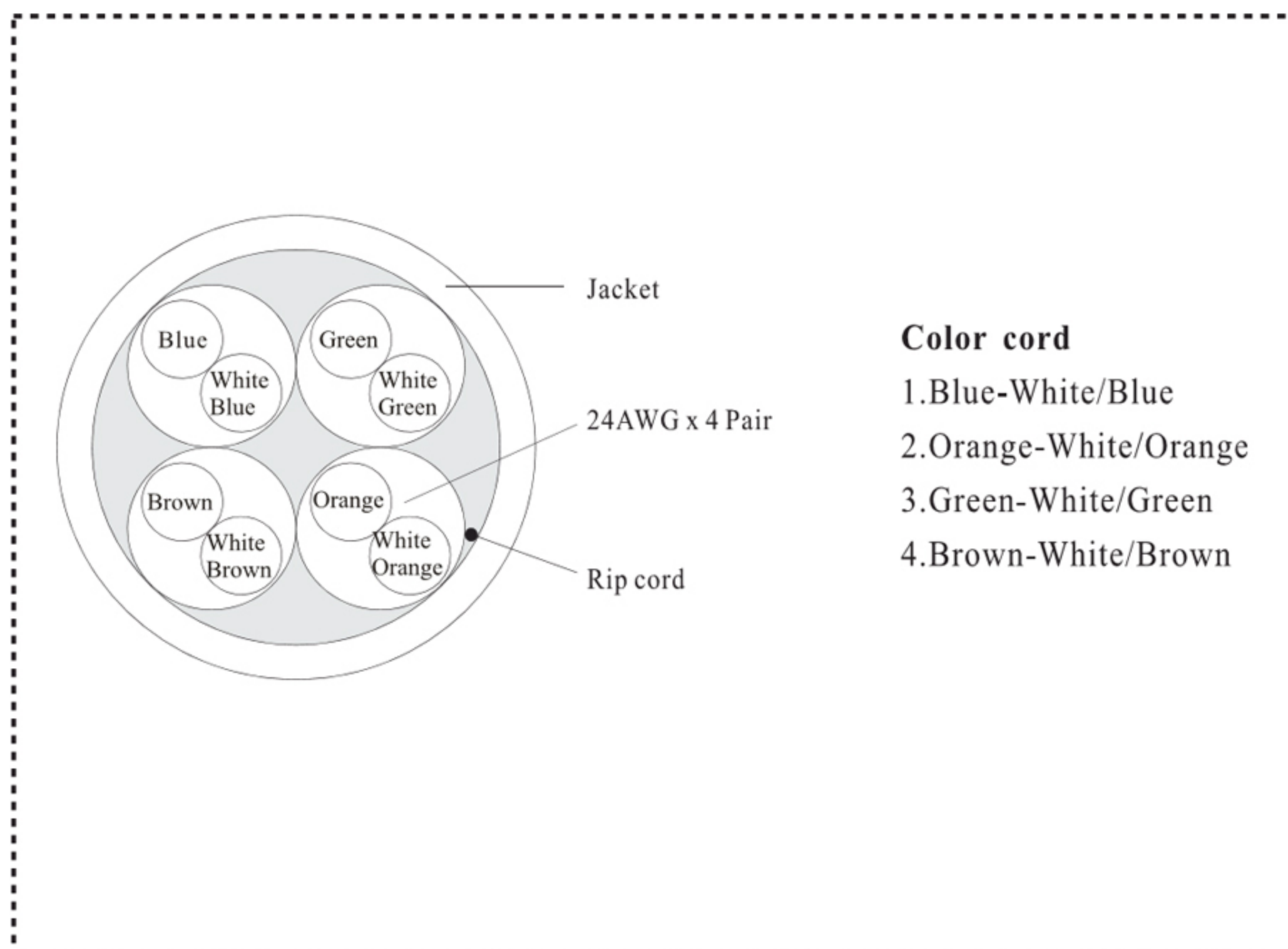


## UTP CAT5e CABLE SPECIFICATION



ELECTRICAL PROPERTIES	
ITEM	
Conductor Resistance	Max. 93.8 ohms/km at 20°C
Insulation Resistance	Min. 5000 mega ohms-km at 20°C
Dielectric Test	1000V DC /1 min ; No Breakdown
Temperature Rating	75°C
Voltage Rating	30V

ITEM		
No. of Cord.		4 Pair
Conductor	Material	Bare Copper Solid
	Construction	24AWG; 1/0.51 ± 0.008 mm
Insulation	Material	Polyethylene
	Thickness	0.20±0.02 mm
	Diameter	0.92 ± 0.05 mm
Inner Layer	Direction	S
	Pitch REF	30mm underneath
Outside Layer	Direction	S
	Pitch REF	100±10mm
Rip cord	Material	Nylon
Jacket	Material	flame retardant PVC
	Thickness	0.50 mm(Min. Thickness: 0.40mm)
	Diameter	5.2 ± 0.20 mm
	Color	Optional
Marking	Optional	

f (MHZ)	Zin-0S (0hm)	Fitted Z (0hm)	SRL (dB)	ATT (PATCH) (dB/100M)	DELAY (ns/100M)	MAX. DELAY SKEW(ns/100M)	NEXT (dB)	PSNEXT (dB)
0.772	100±15	100±15	19.40	1.8	574.97	45.0	67	64
1			20.00	2	570	45.0	65.3	62.31
4			23.00	4.1	552.00	45.0	56.3	53.28
8			24.50	5.8	546.73	45.0	51.8	48.77
10			25.00	6.5	545.38	45.0	50.3	47.31
16			25.00	8.2	543.00	45.0	47.3	44.25
20			25.00	9.3	542.05	45.0	45.8	42.8
25			24.30	10.4	541.20	45.0	44.3	41.35
31.25			23.60	11.7	540.44	45.0	42.9	39.89
62.5			21.50	17	538.55	45.0	38.4	35.38
100			20.10	22	537.60	45.0	35.3	32.31

DRWN.	ChenFeng	SPEC NO:	Construction: 24AWG x 4P
CHKD.	Gao		Customer:
APPD.	Gao	DATE:6-30-2007	