P 1

ⓐ ⓑ ⓒ

8

1

14.5

40.5

L

P 2

1

8

WIRING DIAGRAM

P 1		P 2	
1		1	WHITE-ORANGE
2		2	ORANGE
3		3	WHITE-GREEN
6		6	GREEN
4		4	BLUE
5		5	WHITE-BLUE
7		7	WHITE-BROWN
8		8	BROWN
SH		SH	

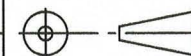| EFB NO.	COLOR
K5510.X	GREY
K5511.X	YELLOW
K5512.X	RED
K5513.X	BLUE
K5514.X	GREEN
K5515.X	BLACK
K5516.X	ORANGE
K5518.X	WHITE
K5519.X	MAGENTA

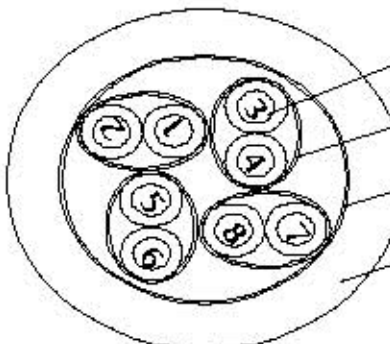| ALL LENGTH (L)	
500mm±5	7500mm±75
1000mm±10	10000mm±100
1500mm±15	15000mm±150
2000mm±20	20000mm±200
3000mm±30	25000mm±250
5000mm±50	30000mm±300

ROHS COMPLIANT

Impedance		Nom.100 Ohm±20%											
Frequency	MHZ	1	4	8	10	16	20	25	31.25	62.5	100	200	250
NEXT	DB	65	63.04	58.16	56.58	53.23	51.63	50.03	48.42	43.38	39.93	34.78	33.09
Attenuation	DB/100m	2.15	4.02	5.66	6.33	8.04	9.02	10.12	11.38	16.45	21.26	31.47	43.67
Returnloss	DB	19	19	19	19	17.98	17.49	17.01	16.53	14.02	12	8.98	7.99

ITEM	K55XX.X	
DRAWING	SSTP 27AWG PATCH CORD	

UNIT	mm	SCALE		REV	
DRAWN BY		CHECK BY		APPRO BY	DATE
					2006.11.26

c	CABLE	SSTP CAT.6 27AWG stranded 4pairs cable LSZH OD=6.2mm Printing : CAT.6 SSTP 4X2XAWG27/7 PIMF ISO/IEC 11801 & EN50173 TIA/EIA 568B.2-1 HALOGEN FREE ***GIGABIT***	L mm
b	OVERMOLD	PVC 75A / LENGTH IMPRINT ON BOOT	8 g
a	CONNECTOR	RJ45 8P8C'S SHIELDED GOLD PLATED 3-50u"	2 Pcs
NO.	MAT.NAME	DESCRIPTION	Q'TY

Rawcable Specification K55xx

(Product name)					CAT.6 S/STP
		(items)		(unit)	(The specification value)
		(AWG size)		Awg	#27
		(core number)		Pcs	4P
c r o s s e d w i r e	(conductor)	(material)			tinned copper wire
		(filling)			
		(structure)		No.mm	stranded 7*0.13
		(crossed O.D)		mm	0,4
	(insulate)	(material)			HDPE
		(thickness)		mm	0,335
		(O.D)		mm	1,05
		(color)			white-blue white-yellow pink-green white-brown
	(tapes)	(material)			AL flake
		(structure)			
		(overlap rate)		%	25
(earthing wire)		(material)			
		(structure)		No.mm	
(braid)		(material)			tinned copper wire 16*5*0.1
		(shield rate)		%	65
(jacket)		(material)			PVC<LSOH>
		(minimun thickness)		mm	0,55
		(standard thickness)		mm	0,6
		(O.D)		mm	6,2
		(color)			
(print)					CAT.6 SSTP 4x2x AWG27/7 PIMF IS O/IEC 11801 & EN 50173 TIA/EIA 568B.2-1 HALOGEN FREE ***GIGABIT ***

(structure drawing)

wire
AL flake
braid
jacket

1--white
2--blue
3--white
4--yellow
5--pink
6--green
7--white
8--brown

(establishment)   (date)