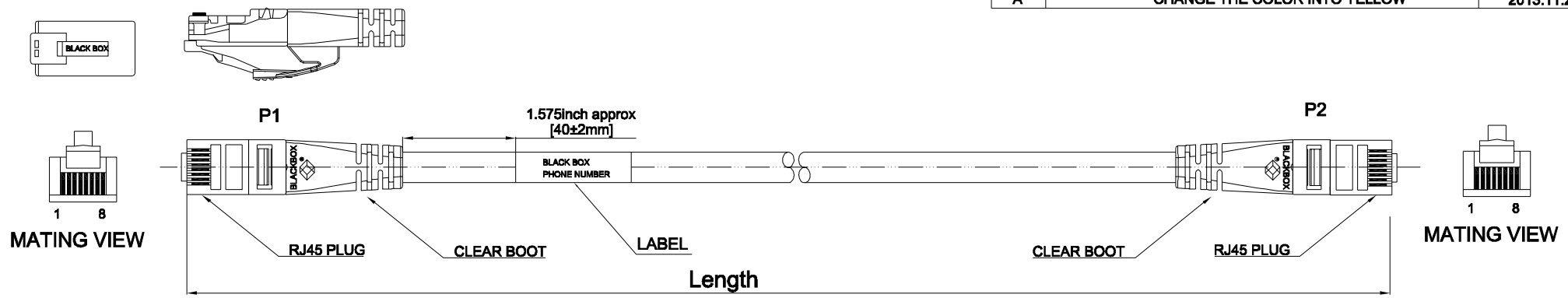
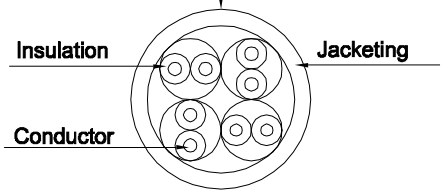
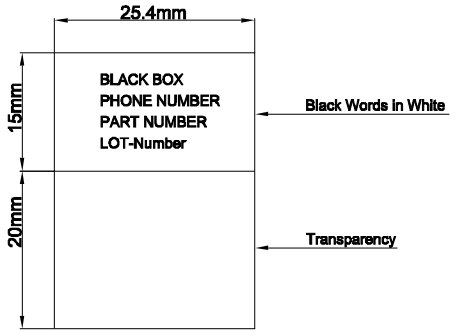
REVISIONS		
Rev	DESCRIPTION	DATE
A	INITIAL RELEASE	2013.10.28
A	CHANGE LABEL	2013.10.31
A	CHANGE THE COLOR INTO YELLOW	2013.11.26



MARKING: BLACK BOX CORPORATION GUARANTEED FOR LIFE (724) 746-5500 --- GIGABASE CATEGORY 5E --- TESTED TO 350MHZ --- ▲ E196163-Y CM (UL) c(UL) UTP 60°C 4PR 24AWG STR ▲ ETL VERIFIED TO ANSI/TIA-568-C.2 MM- YY





LABEL

Conductor		Bare Copper 24AWG 7/0.0077inch approx
Insulation		Thickness:MIN at any point:0.0059inch MAX AVG:0.0098inch Diameter:0.0362inch approx
Jacketing	PVC	Thickness:MIN at any point:0.0165inch MAX AVG:0.0189inch Diameter:0.2126inch approx
WIRE	CAT.5E UTP Stranded 24AWGX4P	
PLUG	Assembly+BOOT 8P8C 50u"(1.27μm) Gold 1 piece plug	
XXX=Length	1ft 2ft 3ft 4ft 5ft 6ft 7ft 10ft 15ft 20ft 25ft 30ft 50ft 100ft	

RJ45 Plugs Standard – IEC 60603-7

Attenuation (Maxinmum):22.5dB @100MHZ ;45.8dB @350MHZ

Cable Type:4-pair UTP

Conductor Gauge:24AWG, stranded

Frequency:Up to 350MHZ

Impedance:100±15 ohms

NEXT (Minimum):35.3dB @100MHZ ;27.1dB @350MHZ

PS-NEXT (Minimum):32.3dB @100MHZ ;24.1dB @350MHZ

Return Loss (Minimum):19dB @100MHZ ;4.56dB @350MHZ

Standards:ANSI/TIA-568-C.2 CAT.5E

orange 2 white/orange	green 3 white/green
blue 1 white/blue	brown 4 white/brown

	PINOUT		
PA/R	P1(T568B)	WIRE	P2(T568B)
1	1	WHT/ORG	1
	2	ORG	2
2	3	WHT/GRN	3
	6	GRN	6
3	4	BLU	4
	5	WHT/BLU	5
4	7	WHT/BRN	7
	8	BRN	8

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UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ±
ANGULAR: MACH ± BEND ±
TWO PLACE DECIMAL ±
THREE PLACE DECIMAL ±

INTERPRET GEOMETRIC TOLERANCING PER:

MATERIAL CRS

FINISH POWDER COAT

DO NOT SCALE DRAWING

BLACK BOX

	NAME	DATE
DRAWN	Vinci	2013.11.26
ENG APPR.		
CHECKED		

COMMENTS:

TITLE: GigaBase 3 Category 5e Patch Cable 350 MHz – YELLOW

SIZE B | PART.NO. C5EPC70-YL-XXX | REV A

SCALE: 1:1 | SHEET 1 OF 1