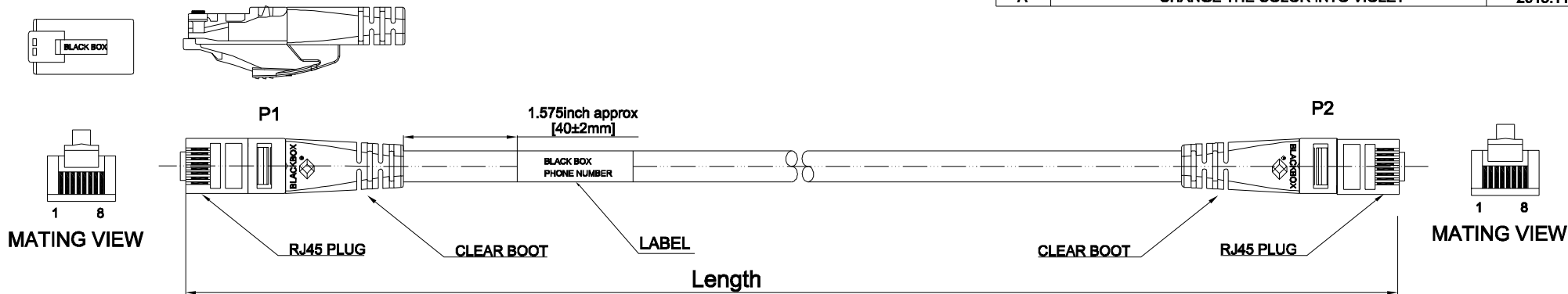
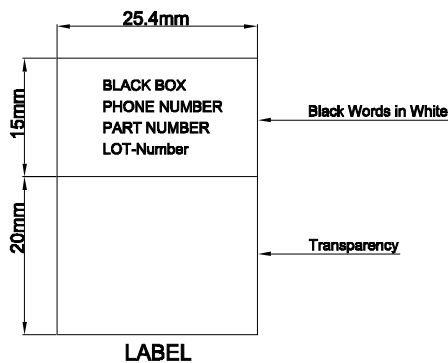
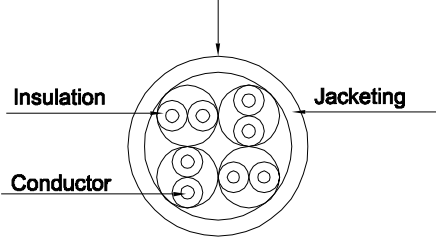


REVISIONS		
Rev	DESCRIPTION	DATE
A	INITIAL RELEASE	2013.10.28
A	CHANGE LABEL	2013.10.31
A	CHANGE THE COLOR INTO VIOLET	2013.11.26



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



Conductor	Bare Copper 24AWG 7/0.0077inch approx
Insulation	Thickness:MIN at any point:0.0059inch MAX AVG:0.0088inch Diameter:0.0362inch approx
Jacketing	PVC Thickness:MIN at any point:0.0185inch 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 (Maximum):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

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

INTERPRET GEOMETRIC
TOLERANCING PER:

MATERIAL
CRS

FINISH
POWDER COAT

DO NOT SCALE DRAWING

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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

BLACK BOX®

NAME	DATE	TITLE:
Drawn	Vincl	2013.11.26
ENG APPR.		
CHECKED		
COMMENTS:		
SIZE		PART.NO.
B		C5EPC70-VT-XXX
SCALE: 1:1		SHEET 1 OF 1

REV
A