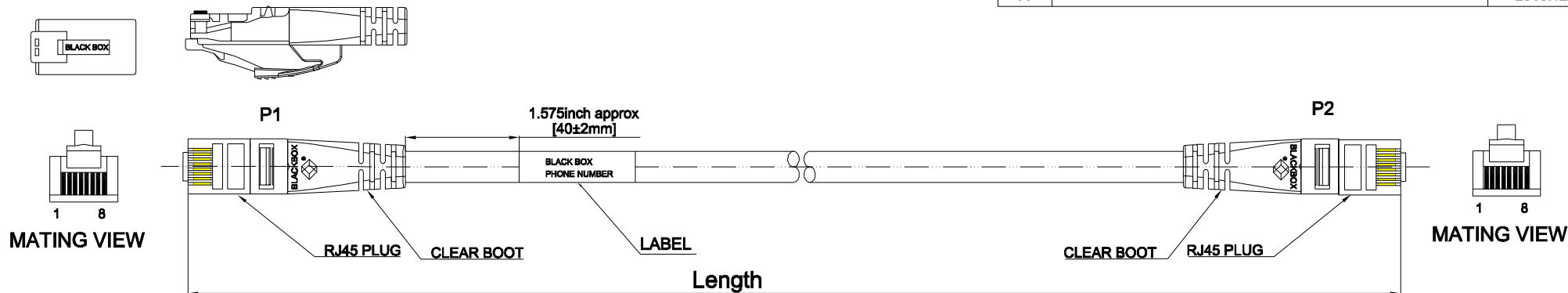
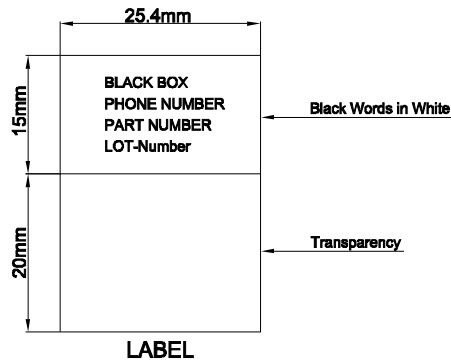
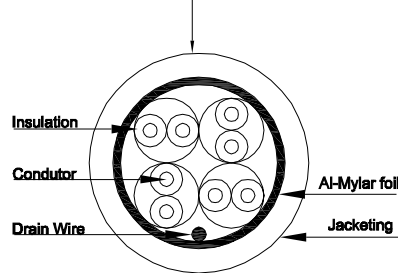


REVISIONS		
Rev	DESCRIPTION	DATE
A	INITIAL RELEASE	2013.11.14
A	CHANEG THE COLOR INTO RED	2013.11.25
A	CHANEG THE PHYSICAL CHARACTERS	2013.12.04



MARKING: BLACK BOX CORPORATION GUARANTEED FOR LIFE (724) 746-5500 — GIGABASE CATEGORY 5E SHIELDED — TESTED TO 100 MHz — ▲ E196163-Y
CM (UL) c(UL) F/UTP 60°C 4PR 26AWG STR ▲ 3P VERIFIED TO ANSI/TIA-568-C.2 & ISO/IEC 11801 ED.2 & EN 50288-2-2 & IEC 60332-1-2 MM-YY



Conductor	Bare Copper 26AWG 7/0.0060inch approx
Insulation	Thickness:MIN at any point:0.0059inch MAX AVG:0.0096inch Diameter:0.0338inch approx
Jacketing PVC	Thickness:MIN at any point:0.0197inch MAX AVG:0.0217inch Diameter:0.2205inch approx
WIRE	CAT.5E FTP Stranded 26AWGX4P
PLUG	Assembly+BOOT 8P8C 50u"(1.27µm) Gold 1 piece plug
XXX=Length	1ft 2ft 3ft 5ft 6ft 7ft 10ft 15ft 20ft 25ft

RJ45 Plugs Standard — IEC 60603-7

Attenuation (Maximum):22.5dB @100MHZ
Cable Type:4-pair FTP
Conductor Gauge:26AWG, stranded
Frequency:Up to 100MHZ
Impedance:100±15 ohms
NEXT (Minimum):35.3dB @100MHZ
PS-NEXT (Minimum):32.3dB @100MHZ
Return Loss (Minimum):19dB @100MHZ
Standards:ANSI/TIA-568-C.2 CAT.5E

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

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

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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:	REV
DRAWN Vindl	2013.11.25	GigaBase 3 Category 5e Patch Cable 100 MHz, Shielded — RED	A
ENG APPR.	CHECKED	SIZE PART.NO.	REV
		B C5EPC70S-RD-XXX	A
COMMENTS:		SCALE: 1:1	SHEET 1 OF 1