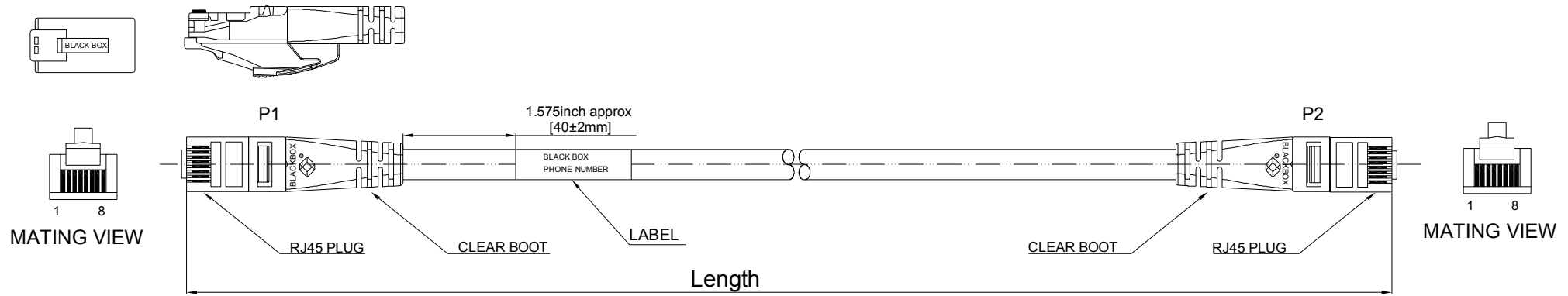
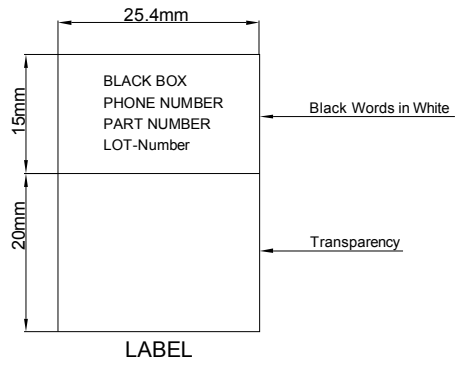
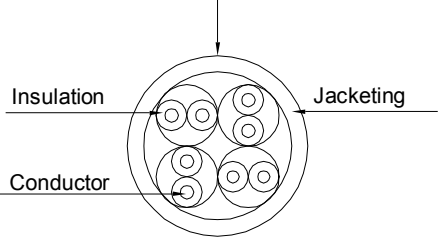


REVISIONS		
Rev	DESCRIPTION	DATE
A	INITIAL RELEASE	2014.02.14



MARKING: BLACK BOX CORPORATION --- CATEGORY 6 ---UTP 24AWGX4P LSZH ANSI/TIA-568-C.2 & ISO/IEC 11801 ED.2 & EN 50288-6-2 & IEC 60332-1-2 ▲3P VERIFIED PATCH CABLE



Conductor	Bare Copper 24AWG 7/0.0077inch approx
Insulation	Thickness:MIN at any point:0.0059inch MAX AVG:0.0098inch Diameter:0.0409inch approx
Jacketing	LSZH Thickness:MIN at any point:0.0181inch MAX AVG:0.0228inch Diameter:0.2244inch approx
WIRE	CAT.6 UTP Stranded 24AWGX4P
PLUG	Molded 8P8C 50u"(1.27µm) Gold 3 piece plug(film+stand+plug)
yyM=Length	0.5m 1m 1.5m 2m 3m 5m 7.5m 10m 20m 30m

Attenuation (Maximum):39.4dB @250MHZ ;62.1dB @550MHZ
Cable Type:4-pair UTP
Conductor Gauge:24AWG, stranded
Frequency:Up to 550MHZ
Impedance:100±15 ohms
NEXT (Minimum):38.3dB @250MHZ ;33.1dB @550MHZ
PS-NEXT (Minimum):36.3dB @250MHZ ;31.2dB @550MHZ
Return Loss (Minimum):15.3dB @250MHZ ;2.98dB @550MHZ
Standards:ANSI/TIA-568-C.2 CAT.6

orange 2
white/orange

green 3
white/green

blue 1
white/blue

brown 4
white/brown

PAIR	PINOUT		
	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

RJ45 Plugs Standard – IEC 60603-7

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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
NETWORK SERVICES

DRAWN	NAME	DATE	TITLE:
ENG APPR.	Vinci	2014.02.14	GigaTrue 3 Category 6 Patch Cable 550 MHz - GRAY
CHECKED			SIZE/PART.NO.
COMMENTS:			B C6PC60-GY-yyM
			REV A
			SCALE: 1:1 SHEET 1 OF 1