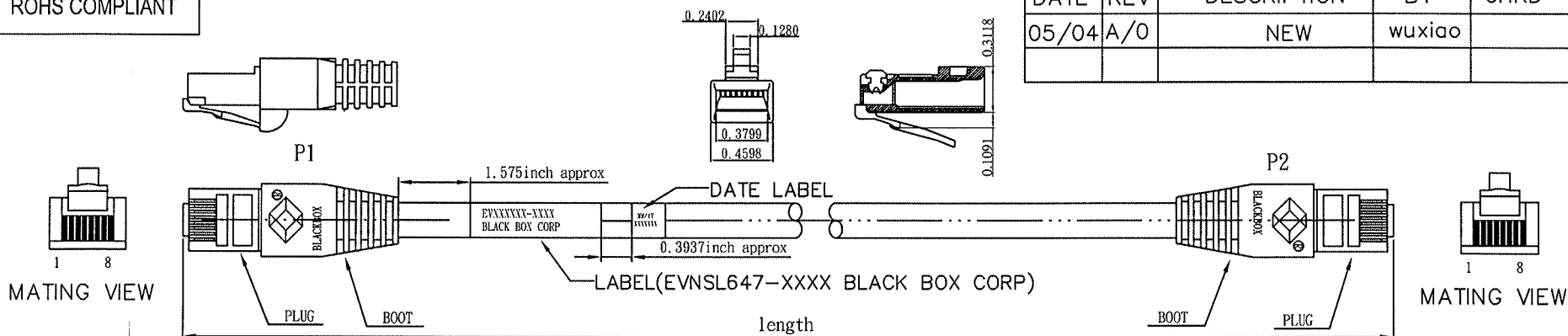
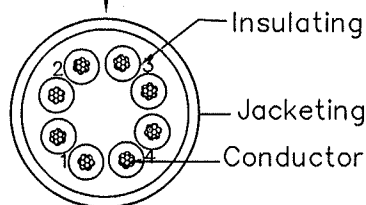


ROHS COMPLIANT

DATE	REV	DESCRIPTION	BY	CHKD
05/04	A/0	NEW	wuxiao	

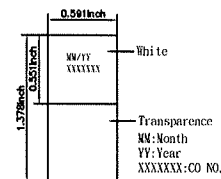


Marking: BLACK BOX CORPORATION GUARANTEED FOR LIFE (724)746-5500 -- GIGATRUE CATEGORY 6 -- E196163-Y (UL) C(UL) CM
60°C 4PR 24AWG ETL VERIFIED TIA/EIA-568-B.2-1 CAT6 TESTED TO 550MHZ PATCH CABLE



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

Attenuation (Maximum): 19.8dB @250MHz; 13dB @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): 3.46dB @250MHz; 2.98dB @550MHz
Standards: TIA/EIA-568-B.2-1 Category 6



Conductor	Bare Copper 24AWG 7/0.0077inch approx
Insulation	Thickness: MIN at any point: 0.0059inch MAX AVG: 0.0098inch Diameter: 0.0406inch approx
Jacketing PVC	Thickness: MIN at any point: 0.0181inch MAX AVG: 0.0213inch Diameter: 0.2323inch approx

WIRE	CAT.6 UTP Stranded 24AWG*4P
PLUG	Assembly+BOOT 8P8C 50U" (1.27µm) Gold 3 piece Plug (film+stand+plug)
XXXX=Length	1FT 2FT 3FT 4FT 5FT 6FT 7FT 10FT 15FT 20FT 25FT 30FT 50FT 100FT

RJ45 Plugs Standard - IEC 60603-7

Another quality product from

BLACK BOX
NETWORK SERVICES
724-746-5500. www.blackbox.com
GigaTrue 550, CAT6, Patch Cable
550 MHz, Booted, Black

XX ft. X.X m

24 AWG, Stranded, 4-Pair, UTP
EVNSL647-XXXX
— China —

2.756inch
2.165inch

Unless specified on the drawing, tolerances are per the follows:

.X ± 1
.XX ± 0.2
.XXX ± 0.05



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



Category 6 Booted Gigatrue Black Patch Cable

DRAW.NO	CW-0338	ITEM	EVNSL647-XXXX		
DEPARTMENT	R&D	DRAW	wuxiao	DATE	2011/05/04
SCALE		CHECKER		APPROVAL	
UNIT	INCH	SHEET	1	OF	1