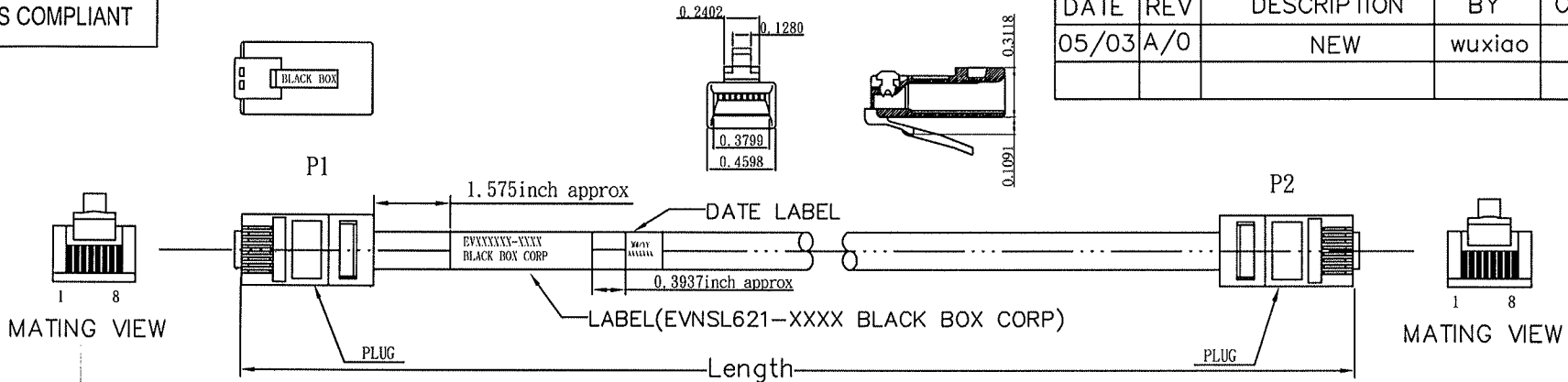
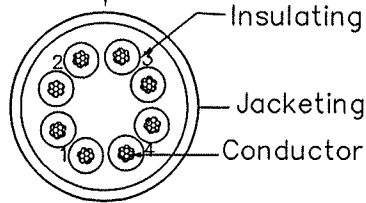


ROHS COMPLIANT

DATE	REV	DESCRIPTION	BY	CHKD
05/03	A/0	NEW	wuxiao	

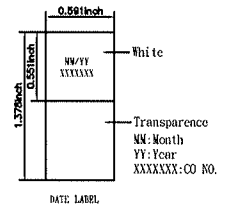


Marking: BLACK BOX CORPORATION GUARANTEED FOR LIFE (724)746-5500 -- GIGATRUE CATEGORY 6 -- E196163-Y (UL) C(UL) CM 60°C 4PR 24AWG ETL VERIFIED TIA/EIA-568-B-2-1 CAT6 TESTED TO 550MHZ PATCH CABLE



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

Attenuation (Maximum): 40.5dB @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 ; 33.2dB @550MHz  
 PS-NEXT (Minimum): 36.3dB @250MHz ; 31.2dB @550MHz  
 Return Loss (Minimum): 15.6dB @250MHz ; 2.60dB @550MHz  
 Standards: TIA/EIA-568-B-2-1 Category 6



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

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 8P8C 50U" (1.27 μm) 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  
 550MHz, Blue  
 XX ft. X.X m  
 24 AWG, Stranded, 4-Pair, UTP  
 EVNSL621-XXXX  
 China

Unless specified on the drawing, tolerances are per the follows:  
 .X ± 1  
 .XX ± 0.2  
 .XX ± 0.05



**BLACK BOX**  
 Category 6 NON - Booted Gigatrue Blue Patch Cable

DRAW.NO	CW-0321	ITEM	EVNSL621-XXXX	
DEPARTMENT		DRAW	wuxiao	DATE 2011/05/03
SCALE		CHECKER		APPROVAL
UNIT	INCH	SHEET	1	OF 1