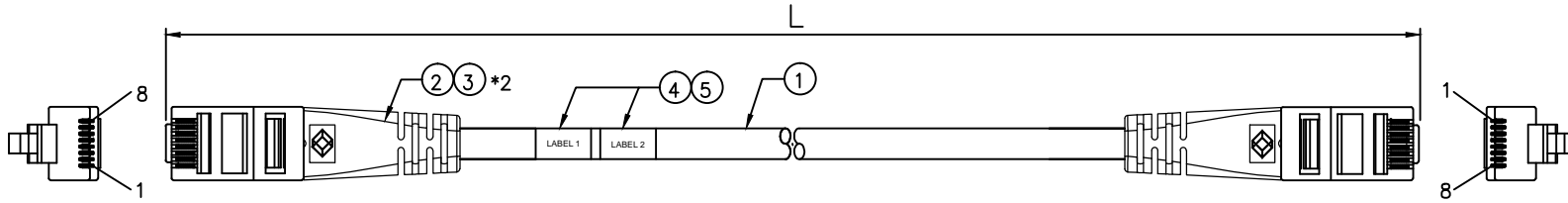
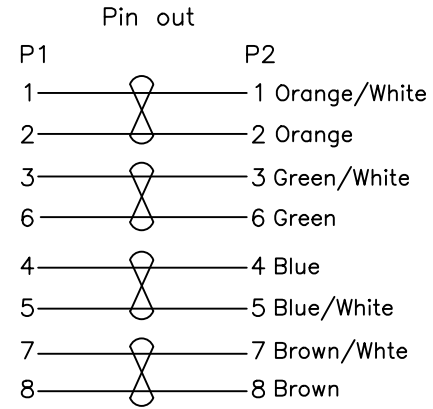


REVISIONS		
Rev	DESCRIPTION	DATE
A	INITIAL RELEASE	

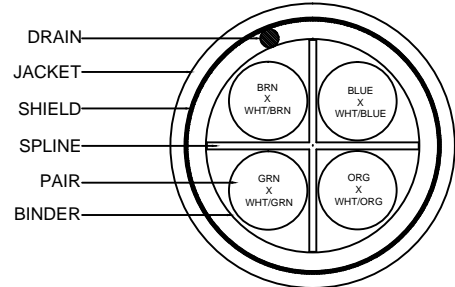


" BLACK BOX CORPORATION GUARANTEED FOR LIFE (724) 746-5500 --- GIGATRUE CATEGORY 6A --- TESTED to 650 MHz --- UL E196163-G F/UTP TYPE CMR C(UL)US CMG 4 PR 26 AWG SHIELDED 75C --- TIA-568-C.2 --- RoHS --- (LOT DESIGNATOR) (SEQUENTIAL FOOTAGE) "



Physical Construction

Conductor: 26 AWG 7/34 Standard Tinned Copper
 Insulation Material: Polyolefin
 Insulation Diameter: 0.036_s
 Internal Filler: Center Spline separator
 Shielding: An aluminized polyester foil shield (100% COVERAGE)
 Drain Wire: 26 AWG 7/34 Stranded Tinned Copper Wire
 Cable Jacket: POLYVINYLCHLORIDE (PVC) , thickness 0.24_s
 Cable O.D.: 0.235 NOM, (0.242 Max)



Cable Properties

Temp Rating (Min/Max) : -20 C to 75 C
 Flame Rating: NEC (UL) Type CMR / CMG
 CEC C (UL) Type CMR CMG
 Frequency: Tested to 650 Mhz

Electrical Properties

Voltage Rating, MAX: 300V
 D.C. Resistance, MAX.: 14.0 Ω
 Impedance, NOM. 100 +j 15 Ω 1 - 100 MHz
 100 +j 20 Ω 100 - 500 MHz
 Mutual Capacitance: 13.5 pF / Ft at 1.0 Mhz
 Velocity Of Propagation: 68%

NO.	TITLE	DESCRIPTION	Q'TY	UNIT
5	LABEL	ID CABLE (MM/YY)	1	PCS
4	LABEL	CABLE LABEL	1	PCS
3	BOOT	SNAGLESS BOOT CLEAR	2	PCS
2	CONN.	RJ45 SHIELD PLUG	2	PCS
1	WIRE	SHIELDED TWISTED PAIRS 26 AWG	L	FT

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UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN INCHES
 TOLERANCES:
 ANGULAR: MACH
 INTERPRET GEOMETRIC TOLERANCING PER:
 MATERIAL CRS
 FINISH POWDER COAT
 DO NOT SCALE DRAWING

BLACK BOX
 NETWORK SERVICES

NAME	DATE	TITLE:
DRAWN	Drawn By 3/11/2013	Gigatrue 3 Category 6A Patch Cable - Black
ENG APPR.	Approved By 3/11/2013	
CHECKED	Checked By 3/11/2013	SIZE DWG. NO.
COMMENTS:		B C6APC80S-BK-XX
		SCALE: 1:1
		SHEET 1 OF 1