

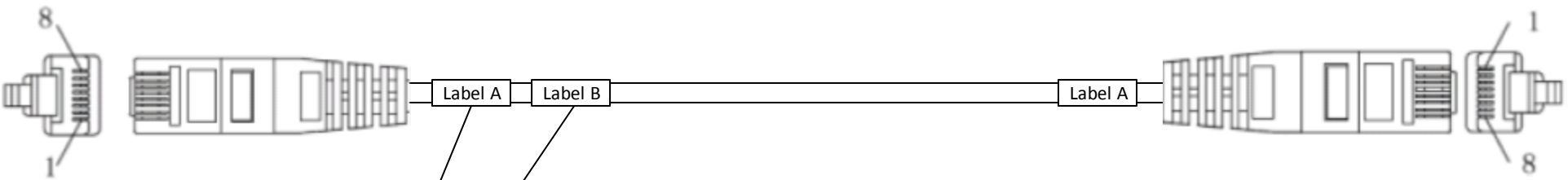
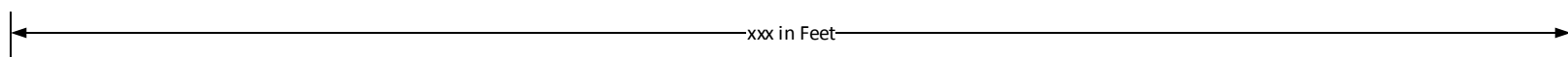
A

B

C

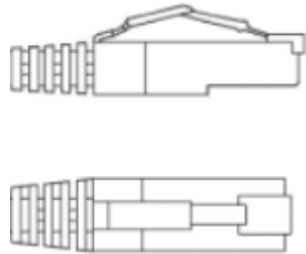
D

REV.	DESCRIPTION	DATE	BY
1	Initial Drawing	9/25/14	Charles



Label A
Line 1: Length
Line 2 : Serial Number

Label B
Line 1: ProFIT Ultra Slim
Line 2 : Part number



Industry Standard

ANSI/TIA-568-C.2 Category 6
ISO 11801 Class E Edition 2.1
RoHs Compliant
Assembly Wired PER TIA/EIA 568B Sequence

Construction

Conductor Construction: 28 AWG Stranded Copper
Conductor Size: 28AWG x 4 Pair
Insulation: None
Separator: None
Connectors: RJ45 Male 50 micron gold-plated
Jacket: CM

Performance

Mutual Capacitance: 5.2 nF/100 m at 1 KHzDC
DC resistance: 23.2 ohm/100m
Skew: 45 ns/100 m maximum
Pair to ground Unbalance @ 1kHz: 330 pF/100 m
Velocity of Propagation: 70% nom.
Input Impedance: 1-100 MHz, 100 ohm ± 15% 100-250 MHz, 100 ohm ± 22%
DC Resistance Unbalance: 5% max., 1% nom.
Working Temperature: -20°C to +70°C
100% performance test: Fluke tested for Wire Map, NEXT, ACR-F, ACR-N, Attenuation, Insertion loss and Return loss

MADE IN THE USA

Color Chart	
Blue	BL
Black	BK
Gray	GY
Green	GN
Orange	OR
Pink	PK
Red	RD
White	WH
Yellow	YE

Part Number: PROS-6LyyU-xxxF
yy = Color
xxx = Length



Unit: FT	Approved: Charles Hoskins 09/25/14		Drawing Description	Unless Otherwise Spec Tolerances	
	Checked: Tom Hodson 09/25/14	ProFIT Ultra Slim			0. +- 0.5
	Drawing: Charles Hoskins 09/25/14	Part #:PROS-6LyyU-xxxF			.0 +-0.3 .00 +-0.1

A

B

C

D