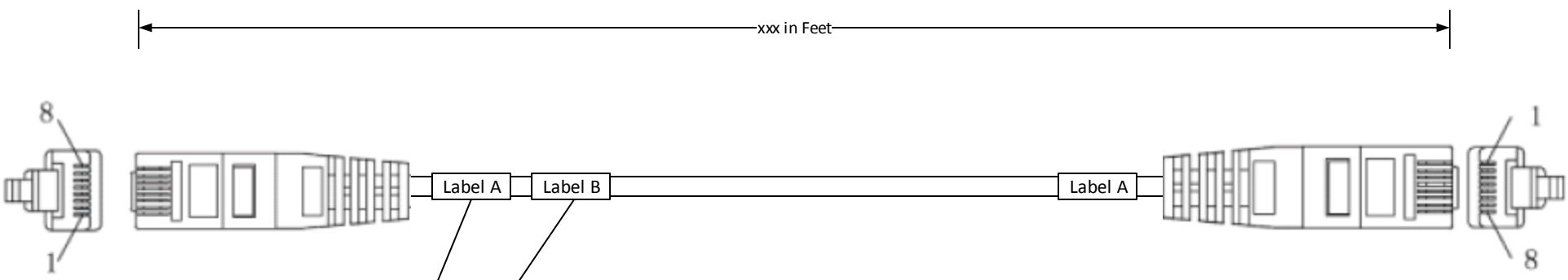
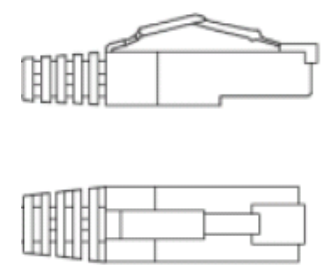


REV.	DESCRIPTION	DATE	BY
1	Initial Drawing	9/25/14	Charles



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 6A
ISO 11801 Class E Edition 2.1
RoHs Compliant
Assembly Wired PER TIA/EIA 568B Sequence

Construction

Conductor Construction: 28 AWG stranded tinned copper
Conductor Size: 28AWG x 4 Pair
Insulation: High density polyethylene, .008" Nom. wall thickness
Separator: None
Connectors: RJ45 Male 50 micron gold-plated
Shield: Aluminum polyester foil (100% coverage), includes 28AWG drain wire in contact with outer surface
Jacket: CMR

MADE IN THE USA

Performance

Mutual Capacitance: 13.5 PF/FT. at 1MHz
Dielectric Withstanding, min. : 1500V RMS
Max Voltage Rating: 300V
D.C. Resistance, nom. : 68.2 Ω/1000'
Velocity of Propagation: 68%
Impedance: 100 +/- 15 Ω 1-500 MHz
Insertion Loss: 1 ≤ f ≤ 500 MHz 1.9 [1.82 vf + 0.0091(f) + 0.25/vf] dB max
Delay Skew: 1 ≤ f ≤ 500 MHz <45ns Max
Working Temperature: -20°C to +75°C
100% performance test: Fluke tested for Wire Map, NEXT, ACR-F, ACR-N, Attenuation, Insertion loss and Return loss

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

Part Number: PROS-ALyyU-xxxF
yy = Color
xxx = Length



Unit: FT		Drawing Description		Unless Otherwise Spec Tolerances	
Approved: Charles Hoskins	09/25/14	ProFIT Ultra Slim CAT6A		0.	+- 0.5
Checked: Tom Hodson	09/25/14	Part #:PROS-ALyyU-xxxF		.0	+0.3
Drawing: Charles Hoskins	09/25/14			.00	+0.1