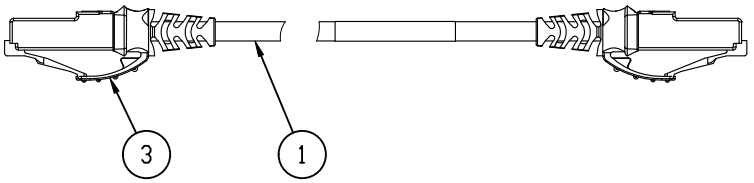
ITEM NO.	DESCRIPTION	QTY
1	CATEGORY 6A STRANDED CABLE	1
2	MODULAR PLUG ASSEMBLY	2
3	TRANSPARENT BOOT	2
4	IDENTIFICATION LABEL	1
5	OPTIONAL COLOR CODING RING CLIP	-

REVISIONS					
REV.	ZCN/ECO	DESCRIPTION	BY	DATE	APPROVED
A	6021	PRODUCTION RELEASE	D.M.	10/31/19	D.G.
B	6417	B1: UPDATED MATRIX TO INCLUDE "LIME GREEN" & "LIGHT GRAY"	WP	12/14/21	B.C./M.B.
C	6290	C1: ADDED NOTE 8 FOR TOLERANCES	MM	11/29/22	DG



B1 SP6A(X)-(XX)(M)-(XX)(X)

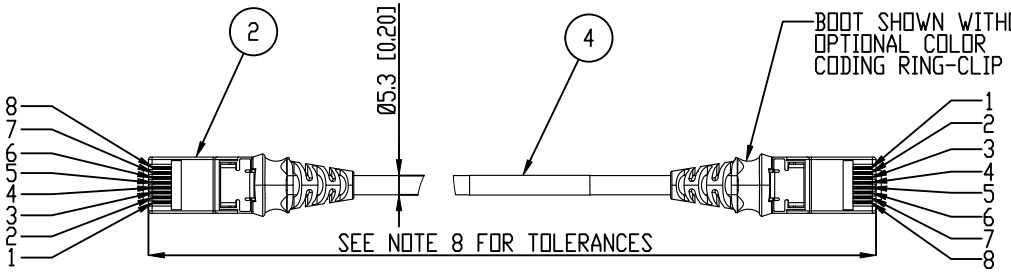
WIRE SCHEME
BLANK= T568B
X= CROSSOVER

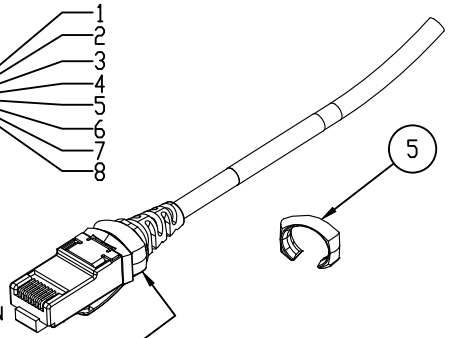
LENGTH
FEET= 03,05,07,10,15,20
METER= 01,1.5,02,03,04,05,7.5

UNIT OF MEASURE
BLANK = FEET
M = METER

CABLE COLOR
01 = BLACK
02 = WHITE
03 = RED
04 = GRAY
05 = YELLOW
06 = BLUE
07 = GREEN
08 = VIOLET
09 = ORANGE
24 = LIGHT GRAY
27 = LIME GREEN

PACKAGING
BLANK= STANDARD PACK
B= BULK PACK





MODULAR CORD WIRING CHART				
CONDUCTOR COLORS	PIN # (8-POS. PLUG)			
	STRAIGHT THROUGH (T568B)		CROSSOVER (ETHERNET *)	
	END A	END B	END A	END B
BLUE/STRIPED	5	5	5	8
BLUE	4	4	4	7
ORANGE/STRIPED	1	1	1	3
ORANGE	2	2	2	6
GREEN/STRIPED	3	3	3	1
GREEN	6	6	6	2
BROWN/STRIPED	7	7	7	4
BROWN	8	8	8	5

* CROSSOVER CORDS AVAILABLE FOR ETHERNET APPLICATIONS REQUIRING TRANSMIT TO RECIEVE PAIR CROSSOVER (IE. SWITCH-TO-SWITCH CONNECTIONS) AND SUPPORT: 10BASE-T, 100BASE-T, 100BASE-T2, 100BASE-T4, 1000BASE-T, AND 10GBASE-T APPLICATIONS.

NOTES:

1. 4-PAIR CABLE, 28 AWG, TWISTED PAIR, STRANDED CONDUCTORS, UL LISTED. CABLE TRANSMISSION PROPERTIES WILL MEET OR EXCEED ANSI/TIA AND ISO/IEC CATEGORY 6A CHANNEL PERFORMANCE REQUIREMENTS. NOTE: 28 AWG CONSTRUCTION WILL REQUIRE A HIGHER ATTENUATION DERATING FACTOR THAN 24 AWG FOR CHANNEL DESIGN.
2. PLUGS HAVE CONTACT PLATING OF 1.27 MICRONS [50 MICROINCHES] MINIMUM GOLD OVER NICKEL PER FCC SPECIFICATION 68.500.
3. PLUGS TERMINATED WITH WIRES AS SHOWN IN CHART.
4. 100% TESTED FOR ELECTRICAL CONTINUITY & TRANSMISSION PERFORMANCE.
5. OPTIONAL COLOR CODING RING CLIPS AVAILABLE SEPARATELY, P/N: CLIP-(XX).
6. ALTHOUGH T568B COLOR SCHEME IS USED FOR ASSEMBLY, STANDARD STRAIGHT THROUGH CORDS ARE COMPATIBLE WITH BOTH T568A & T568B WIRE SCHEMES SINCE PAIR GROUPINGS ARE IDENTICAL.
7. CUSTOM LENGTHS AVAILABLE , CONTACT A SIEMON CUSTOMER SERVICE REPRESENTATIVE FOR MORE INFORMATION.

C1 8. ASSEMBLIES UNDER 2FT TOLERANCE IS +1"/-0" ALL OTHER ASSEMBLIES ARE +3"/-0"

PROPRIETARY INFORMATION
THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF THE SIEMON COMPANY AND IS DELIVERED ON THE EXPRESSED CONDITIONS THAT IT IS NOT TO BE DISCLOSED OR REPRODUCED IN WHOLE OR PART, OR USED FOR MANUFACTURING FOR ANYONE OTHER THAN THE SIEMON COMPANY WITHOUT ITS WRITTEN CONSENT AND THAT NO RIGHT IS GRANTED TO DISCLOSE OR SO USE ANY INFORMATION CONTAINED IN SAID DOCUMENT.

THE SIEMON COMPANY
101 SIEMON COMPANY DRIVE
WATERTOWN, CT 06795
(860) 945-4200
www.siemon.com

TOLERANCES	
0 [.0]	±1 [±.04]
.0 [.00]	± 0.5[±.02]
.0 [.000]	± 0.25[±.01]
ANGLE	±1°

ANSI Y14.5M-1982 OR ISO 1101, 129 & 3040
PRIMARY DIMENSIONS ARE MILLIMETERS
DIMENSIONS IN BRACKETS [ ] ARE INCHES
DO NOT SCALE

DRAWN BY:	D.M.	DATE: 09/07/2019
CHECKED BY:	D.G.	DATE: 10/23/2019
ENGINEER:	C.D	DATE: 09/07/2019

TITLE
SKINNY PATCH, 28 AWG, CAT.6A, STRANDED, CM/LSOH UTP PATCH CORDS

DWG. SIZE	DWG. NO.	REV.
B	9079210	C

PART NO. SP6A(X)-(XX)(M)-(XX)(X)
SCALE 1:1
SHEET 1 OF 1

CUSTOMER USE DRAWING