LP-8CEPUSCC 8000 Series Reliable 5e® 8P8C RJ45, Keystone® Compatible Unshielded Modular CAT 5e Jack, 90º IDC.

LP8CEPUSCC_SS_ENB01W

Features

- Fit for CAT 5e general cable distribution system, backward compatible with CAT 5 systems.

- Compliant with ISO/IEC 11801, 2002 CLASS & ANSI/TIA 568-B.2 CAT 5e T568-A and T568-B punching sequences are both compatible. Compliant with IEC 60603-7-4, IEC60604-7-4, and IEC 60503-7-4.

- Our standard style allows compatibility with many other brands and systems.

- Unshielded, rugged.

- Connection type FCC connector for RJ45 patch cords and IDC for 4-pair CAT 5e cables.

- Punch angle is 90º.

- High performance copper alloy contacts and 50 micro-inches of gold plating.

- 750 mating cycles minimum for RJ45.

- 20 mating cycles minimum for IDC.

- Competitively priced.

- Material: ABS UL94V-0.

- Positive latch system.

- UTP capable.

- Compatible with 110 punch-down tools.

- Suitable for 22-26 AWG solid cable.

- Nine vivid colors to choose from.

LP-8CEPUSCC
8000 Series Reliable 5e® 8P8C RJ45, Keystone® Compatible
Unshielded Modular CAT 5e Jack, 90º IDC.

The LP-8CEPUSCC, 8000 series Reliable 5e® 8P8C RJ45, Keystone® compatible unshielded modular CAT 5e jacks with 90º IDC are compatible with all the other Reliable 5e components of LanPro, as well as flat and angled faceplates in a perfect way.

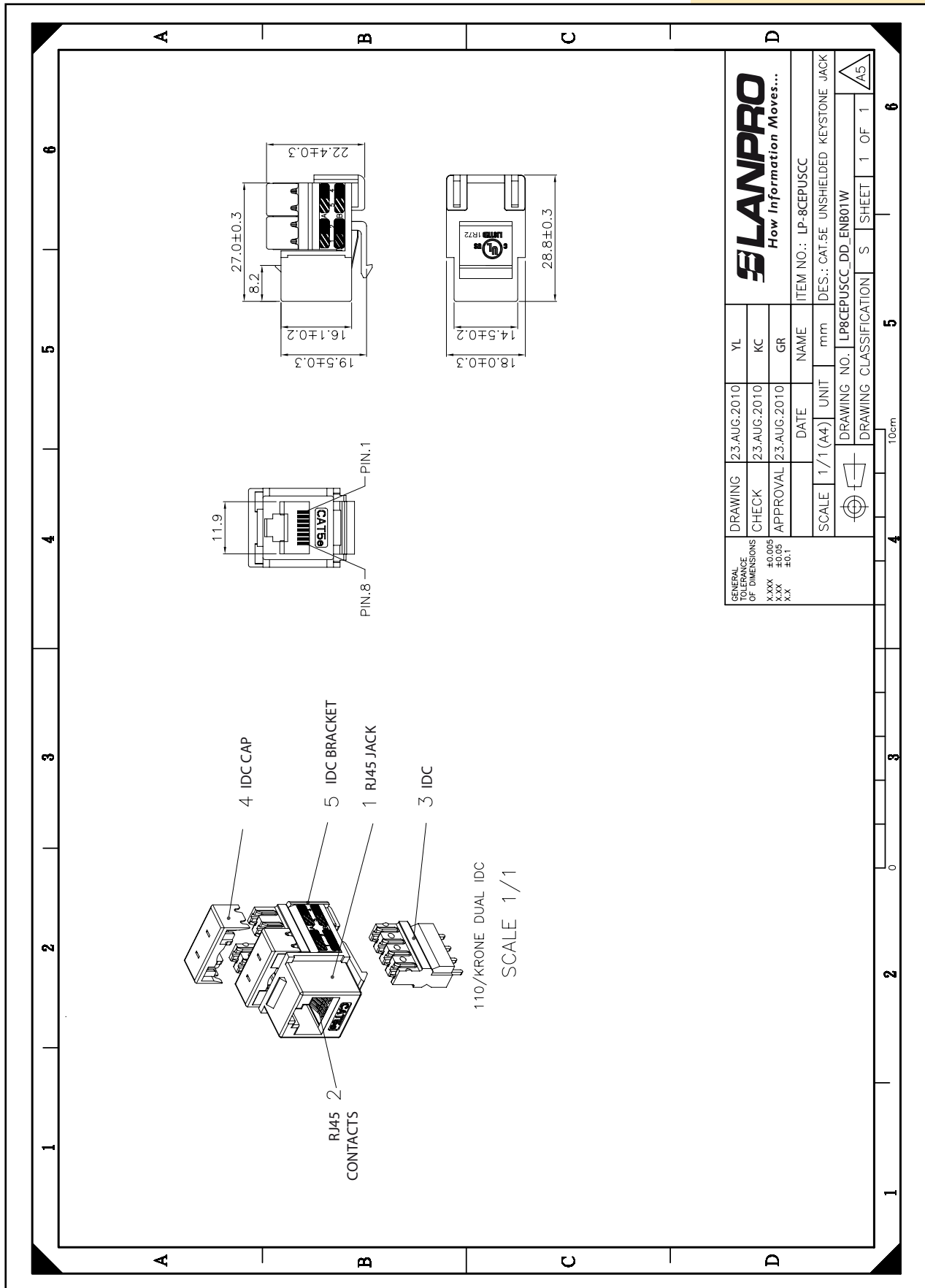LanPro has designed them specifically for high speed and bandwidth in excess of 100 MHz.

Our LP-8CEPUSCC´s allow for universal termination, either T568-A or T568-B, and are punch-down design of 90º, thus offering easiness and flexibility to the installer.

Note: All our Jacks are also suitable for CAT 3 cabling system.

www.lanpro.com

A Specifications

ITEM	DESCRIPTION
Model: LP-8CEPUSCC	Keystone® Jack compatible size, CAT 5e category, UTP type, 90º punching direction, for connecting application of communications ports in working area in 8 different colors
Punch directions on package	A quick guide for the punching and connection operation
IDC hats	Fastener hats ensure proper fixation of IDC clips
Standards compliance	ISO/IEC 11801, ANSI/TIA/EIA 568-B.2 CAT 5e for both T568-A and T568-B punching sequences
Connection type	FCC 0º connector for RJ45 patch cord and 90º IDC for 4-pair CAT 5e cables
Category	Fit for CAT 5e general cable distribution system and backward compatible with CAT 5 systems
Material:	
RJ45 jack	Housing: ABS+PC, UL 94V-0, with optional color
	Contact bracket: PBT+ fiberglass, UL 94V-0
RJ45 jack contact	Material: Phosphor bronze with nickel plating
	Finish: 50 micro-inches of gold plating on plug contact area
IDC housing	PC + fiberglass, UL 94V-2
	Terminal: Phosphor bronze with tin plating
IDC hat	ABS, UL 94-HB
IDC bracket	ABS, UL 94V-0
IDC entry angle	90º
PCB	FR4, UL 94V-0
Performance	
T568-A & T568-B wiring sticker	
Insertion force: 20 N max. (IEC60603-7-4)	
Retention strength: 7.7 Kg between jack and plu	
Operating temperature: -10ºC to 60ºC (ISO/IEC 11801, ANSI/TIA/EIA 568 B.2	
IDC punch-down cycles: min: 20 (TIA/EIA 568-C.2)	
Dielectric withstanding voltage: 1000 VAC (IEC60604-7-4)	
Life (mating cycles)	Jack: 750 cycles min. (ISO/IEC 11801, IEC 60503-7-4)
	IDC: Suitable for AWG 22-26 stranded and solid wire, compatible with both 110 @ Kröne punch down too
Transmission	CAT 5e compatible transmission performance is in compliance with the ANSI/TIA/EIA 568 B.2 standard
Overall dimensions:	
Width: 18 ± 0.3 mm.	
Height: 22.4 ± 0.3 mm.	
Depth: 28.8 ± 0.3 mm.	

Note: The micro-inch (μ in) is a common imperial unit of distance equal to one millionth of an inch, or 25.4 nanometers (nm), or 1 μ in = 0.0254 μm.

B Dimensional Drawing

22.4±0.3

27.0±0.3

8.2

16.1±0.2

19.5±0.3

28.8±0.3

14.5±0.2

18.0±0.3

UL LISTED 1R72

11.9

CAT5e

PIN.1

PIN.8

4 IDC CAP

5 IDC BRACKET

1 RJ45 JACK

3 IDC

110/KRONE DUAL IDC

SCALE 1/1

RJ45 2 CONTACTS

LANPRO
How Information Moves...

ITEM NO.: LP-8CEPUSCC
DES.: CAT.5E UNSHIELDED KEYSTONE JACK

			NAME	mm	DRAWING NO.	LP8CEPUSCC_DD_ENB01W	
DRAWING	23.AUG.2010	YL					
CHECK	23.AUG.2010	KC					
APPROVAL	23.AUG.2010	GR					
	DATE			UNIT			
SCALE	1/1 (A4)				DRAWING CLASSIFICATION	S	SHEET	1 OF 1

GENERAL TOLERANCE OF DIMENSIONS
x.xxx ±0.005
x.xx ±0.05
x.x ±0.1

10cm

A5

C How to Order:

LP-8CEPUS**CC**

C: Color
WH: White
GN: Green
YL: Yellow
BL: Blue
RD: Red
BK: Black
GR: Gray
OR: Orange
NP: Nickel plated

LP-8CEPUSWH   8000 Series Reliable 5e® 8P8C RJ45, Keystone® compatible Unshielded Modular CAT 5e Jack with 90º IDC, white color.