

ESTTA Tracking number: **ESTTA1035400**

Filing date: **02/12/2020**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
BEFORE THE TRADEMARK TRIAL AND APPEAL BOARD

Notice of Opposition

Notice is hereby given that the following party opposes registration of the indicated application.

Opposer Information

Name	Leviton Manufacturing Co., Inc.
Granted to Date of previous extension	02/12/2020
Address	201 NORTH SERVICE ROAD MELVILLE, NY 11747 UNITED STATES
Attorney information	KATHRYN M. MILAM, JD, PHD LEVITON MANUFACTURING CO., INC. 2222 222ND STREET SE BOTHELL, WA 98021-4416 UNITED STATES kmilam@leviton.com, sserna@leviton.com (425) 415-7349

Applicant Information

Application No	88353833	Publication date	10/15/2019
Opposition Filing Date	02/12/2020	Opposition Period Ends	02/12/2020
Applicant	Extreme Copper Incorporated 107 N. Reino Rd. Suite 233 Newbury Park, CA 91320 UNITED STATES		

Goods/Services Affected by Opposition

Class 009. First Use: 1999/12/17 First Use In Commerce: 1999/12/17


Opposed goods and services in the class: Computer hardware; Computer hardware and computer peripheral devices; Computer hardware and computer peripherals; Computer hardware and peripheral devices; Computer hardware and peripheral devices and recorded computer software for data communication and translating and transmitting data sold therewith; Computer hardware and peripherals; Computer hardware and peripherals therefor; Computer hardware and recorded software system for remotely monitoring environmental conditions and controlling devices within a building, facility, grounds, or designated spatial area; Computer hardware for communicating audio, video and data between computers via a global computer network, wide-area computer networks, and peer-to-peer computer networks; Computer hardware for telecommunications; Computer hardware, namely, firewalls; Computers and computer hardware; Electronic communications systems comprised of computer hardware and software for the transmission of data between two points; Gateway routers in the nature of computer control hardware; Optical communications systems comprised of optical and electronic hardware and computersoftware for the transmission of data between two

points; all of the foregoing goods containing copper
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Grounds for Opposition

Priority and likelihood of confusion	Trademark Act Section 2(d)
The mark is merely descriptive	Trademark Act Section 2(e)(1)

Mark Cited by Opposer as Basis for Opposition

U.S. Registration No.	2482917	Application Date	10/06/1998
Registration Date	08/28/2001	Foreign Priority Date	NONE
Word Mark	EXTREME		
Design Mark			
Description of Mark	NONE		
Goods/Services	Class 009. First use: First Use: 1998/07/00 First Use In Commerce: 1998/07/00 JACKS, PATCH CORDS, INSULATION DISPLACEMENT CONNECTOR BLOCKS, CONNECTOR MODULES, AND CONNECTORS FOR * THE * TRANSMISSION AND INTERCONNECTION OF VOICE, DATA, VIDEO, AND AUDIO SIGNALS; AND PATCH PANELS, PATCH BLOCKS, PATCH CORDS, AND INSULATION DISPLACEMENT CONNECTOR BLOCKS IN WHICH JACKS, PLUGS, CONNECTOR MODULES, AND CONNECTORS FOR THE TRANSMISSION AND INTERCONNECTION OF VOICE, DATA, VIDEO, AND AUDIO [SIGNAL] *SIGNALS* ARE MOUNTED OR OTHERWISE RETAINED		

Attachments	75565035#TMSN.png(bytes) Leviton Notice of Oppposition re Ser. No. 88353833.pdf(1017397 bytes)
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Signature	/Kathryn M. Milam/
Name	KATHRYN M. MILAM, JD, PHD
Date	02/12/2020

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
BEFORE THE TRADEMARK TRIAL AND APPEAL BOARD**

LEVITON MANUFACTURING CO., INC.,	:	Opposition No.
Opposer,	:	
v.	:	
EXTREME COPPER, INC.	:	
Applicant.	:	

NOTICE OF OPPOSITION

In the matter of Trademark Application Serial No. 88353833 filed March 24, 2019, for EXTREME COPPER for “Computer hardware; Computer hardware and computer peripheral devices; Computer hardware and computer peripherals; Computer hardware and peripheral devices; Computer hardware and peripheral devices and recorded computer software for data communication and translating and transmitting data sold therewith; Computer hardware and peripherals; Computer hardware and peripherals therefor; ... Computer hardware and recorded software system for remotely monitoring environmental conditions and controlling devices within a building, facility, grounds, or designated spatial area; Computer hardware for communicating audio, video and data between computers via a global computer network, wide-area computer networks, and peer-to-peer computer networks; ... Computer hardware for telecommunications; Computer hardware, namely, firewalls; ... Computers and computer hardware; ... Electronic communications systems comprised of computer hardware and software for the transmission of data between two points; Gateway routers in the nature of computer control hardware; Optical communications systems comprised of optical and electronic hardware and computer software for the transmission of data between two points; all of the foregoing goods containing copper” in International Class 9, published for opposition in the October 15, 2019 Official Gazette:

Leviton Manufacturing Co., Inc., a Delaware corporation with a place of business at 201 North Service Road, Melville, NY 11747, believes it will be damaged if such registration is issued for use with

the aforementioned goods and, therefore, hereby gives notice of its intention to oppose the registration of said trademark in association with said goods.

The grounds for opposition are as follows:

1. Applicant seeks to register the mark EXTREME COPPER with the aforementioned goods as evidenced by the publication of said mark in the Official Gazette of October 15, 2019.
2. Opposer is the owner of U.S. Trademark Registration No. 2482917 filed October 6, 1998 and registered August 28, 2001 for the mark "EXTREME." Opposer is also the owner of International Registration No. 1007089 for the EXTREME mark. Copies of Opposer's U.S. and International Registrations for the EXTREME mark are annexed as Exhibit A.
3. Opposer has a constructive use date of October 6, 1998 by virtue of its filing intent-to-use Application Serial No. 75565035, which matured into Registration No. 2482917 on August 28, 2001.
4. Applicant's filing date of its Application Serial No. 88353833, namely March 24, 2019, is subsequent to Opposer's filing date of October 6, 1998 for its Registration No. 2482917, and is also subsequent to Opposer's first date of use of July 1998 for its mark "EXTREME."
5. Opposer has continuously used Opposer's EXTREME mark in connection with International Class 9 goods, specifically, "Jacks, patch cords, insulation displacement connector blocks, connector modules, and connectors for the transmission and interconnection of voice, data, video, and audio signals; and patch panels, patch blocks, patch cords, and insulation displacement connector blocks in which jacks, plugs, connector modules, and connectors for the transmission and interconnection of voice, data, video, and audio signals are mounted or otherwise retained," since at least as early as July 1998. All of Opposer's goods for use in association with Opposer's EXTREME mark are electrical connectivity products for use with Ethernet-based telecommunication networks that use copper as the medium of signal transmission. Copies of data sheets for Opposer's EXTREME Cat 5e jacks and patch cords is annexed as Exhibit B.
6. Starting on August 20, 2007, and continuously and timely thereafter, Opposer has filed Section 8 and Section 15 declarations attesting to Opposer's continuous use of the EXTREME mark in commerce in association with the aforementioned goods and, as a result, Opposer's EXTREME mark has

achieved incontestable status in the United States.

7. Opposer has invested heavily in protection of its EXTREME mark globally and currently maintains active registrations for the EXTREME mark in at least 10 countries worldwide for use with the aforementioned goods in association with Opposer's global sales of its EXTREME products.

8. By virtue of this continuous use and promotion of goods under the EXTREME mark by Opposer, and by virtue of Opposer maintaining its high-quality standards for such goods, consumers of such goods and others have come to recognize the EXTREME mark as an indication of origin with Opposer. As a result, Opposer has established valuable goodwill and exclusive rights in said EXTREME mark.

9. Applicant disclaims the exclusive right to use "COPPER" apart from Applicant's full "EXTREME COPPER" mark. The word "COPPER" is merely descriptive of Applicant's aforementioned goods, all of which "contain[] copper."

10. As such, the remaining non-descriptive portion of Applicant's mark, EXTREME, is identical to Opposer's EXTREME mark both in sound and appearance.

11. Addition of the descriptive term "COPPER" to Applicant's full mark, EXTREME COPPER, does not distinguish Applicant's mark from Opposer's EXTREME mark or EXTREME goods because the descriptive portion of Applicant's full mark, the word COPPER, also describes Opposer's EXTREME goods comprised of electrical connectivity goods using copper as the medium of signal transmission.

12. The aforementioned goods Applicant intends to sell under the EXTREME COPPER mark are either identical, or substantially the same type of goods, as the goods offered by Opposer in connection with its EXTREME mark, or are designed to be used by consumers with Opposer's goods offered in connection with Opposer's EXTREME mark for the Ethernet-based transmission of audio, video and data between computers. As an example, the data sheet for Extreme Copper's NE300 Network Extender describes it as used with RJ45 electrical connectors for signal transmission over Ethernet networks and is annexed at Exhibit C.

13. Applicant's goods are distributed, or are likely to be distributed, through the same or commercially related channels of trade to the same or overlapping classes of consumer as Opposer's goods. In fact, Applicant's goods are designed to be used with Opposer's EXTREME goods.

14. As Applicant continues to grow its business through application for federal registration of its mark in the United States and otherwise, it is increasingly likely persons familiar with Opposer's EXTREME mark, or with the extensive efforts by Opposer to associate the EXTREME mark with Opposer's goods, upon seeing Applicant's goods under the EXTREME COPPER mark, would be likely to believe, and would be justified in so believing, that such goods originated from Opposer or were produced in association or affiliation with, or under authorization by Opposer. Thus, the Applicant's mark, as used on its goods, would lead persons familiar with Opposer's EXTREME mark and the goods sold in connection therewith to believe Applicant's goods are produced by or sold in affiliation with or under license from Opposer.

15. It is increasingly likely Applicant's mark, by reason of its identity to Opposer's mark, will be able to gain a foothold in Opposer's market or closely related markets, by exploiting subliminal or subconscious association with Opposer's mark. Purchasers of Applicant's goods will thus identify the properties and reputation of Opposer's goods with those of Applicant.

16. For the reasons stated above, Opposer believes that if Applicant is permitted to register its mark EXTREME COPPER for Applicant's goods, confusion of the trade and public resulting in damage and injury to Opposer would be caused, or would result, by reason of the similarity between Applicant's mark and Opposer's EXTREME mark. Customers familiar with Opposer's EXTREME mark would be likely to purchase Applicant's goods believing them to originate from or be sponsored by Opposer. Customers using Applicant's goods in conjunction with Opposer's EXTREME electrical connectivity goods, as Applicant's goods are design to be used, would be confused as to the origin and quality of Applicant's goods and Opposer's goods and reasonably conclude they originated from the same source. Any defect, objection, fault or adverse publicity in connection with Applicant's goods marked under a mark confusingly similar to Opposer's EXTREME mark will necessarily reflect on and seriously injure the reputation that Opposer has established over many years and geographic scope for its EXTREME goods.

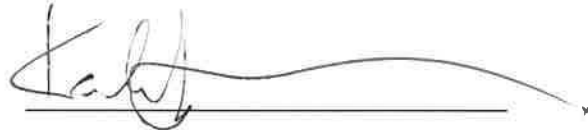
17. If Applicant is granted a registration for this mark for the aforementioned goods, it would obtain thereby at least a prima facie exclusive right to use such mark with such goods in direct conflict with Opposer's exclusive right to use its EXTREME mark in association with such computer hardware for communicating audio, video and data between computers via networks. Such registration would be a source of damage and injury to Opposer and to Opposer's customers.

WHEREFORE, Opposer prays that Application Serial No. 88353833 be rejected with respect to the aforementioned goods, that registration of the mark therein sought be denied and refused with respect to the aforementioned goods, and this opposition be sustained.

The filing fee for this Notice of Opposition is being submitted by credit card. Any additional fees or overpayments should be charged or credited to Deposit Account No. 12-1185.

Respectfully submitted,

LEVITON MANUFACTURING CO., INC.

A handwritten signature in dark ink, appearing to read 'Kathryn M. Milam', is written over a horizontal line. The signature is fluid and cursive.

KATHRYN M. MILAM ESQ.

LEVITON MANUFACTURING CO., INC.

201 North Service Road

Melville, NY 11474

Telephone: (425)-415-7349

Attorney for Opposer

Date: 2.12.2020

BULK DATA: Since May 7 at 12 a.m., the TSDR Application Programming Interface (API) has not included all information. Images of trademark registration certificates issued since July 2016 and some office actions are absent in the API. Customers who need to retrieve a copy of a registration certificate or an office action should download it directly from the TSDR documents tab.

INTERMITTENT SYSTEM ISSUES: Due to high-volume usage, you may experience intermittent issues on the Trademark Status and Document Retrieval (TSDR) system between 6 – 8 a.m. ET. Refreshing your web browser should resolve the issue. If you still need assistance accessing a document, email teas@uspto.gov and include your serial number, the document you are looking for, and a screenshot of any error messages you have received.

STATUS

DOCUMENTS

MAINTENANCE

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Generated on: This page was generated by TSDR on 2020-02-11 15:38:48 EST

Mark: EXTREME

EXTREME

US Serial Number: 75565035

Application Filing Date: Oct. 06, 1998

US Registration Number: 2482917

Registration Date: Aug. 28, 2001

Register: Principal

Mark Type: Trademark

TM5 Common Status
Descriptor:



LIVE/REGISTRATION/Issued and Active

The trademark application has been registered with the Office.

Status: The registration has been renewed.

Status Date: Feb. 26, 2011

Publication Date: Mar. 14, 2000

Notice of Allowance Date: Sep. 05, 2000

▼ Mark Information

[▼ Expand All](#)

Mark Literal Elements: EXTREME

Standard Character Claim: No

Mark Drawing Type: 1 - TYPESET WORD(S) /LETTER(S) /NUMBER(S)

▼ Related Properties Information

International Registration [1007089](#)
Number:

International Application(s) [A0015994/1007089](#)
/Registration(s) Based on
this Property:

▼ Goods and Services

Note:

The following symbols indicate that the registrant/owner has amended the goods/services:

- Brackets [...] indicate deleted goods/services;

- Double parenthesis ((...)) identify any goods/services not claimed in a Section 15 affidavit of incontestability; and
- Asterisks *..* identify additional (new) wording in the goods/services.

For: JACKS, PATCH CORDS, INSULATION DISPLACEMENT CONNECTOR BLOCKS, CONNECTOR MODULES, AND CON FOR * THE * TRANSMISSION AND INTERCONNECTION OF VOICE, DATA, VIDEO, AND AUDIO SIGNALS; AND PATC PATCH BLOCKS, PATCH CORDS, AND INSULATION DISPLACEMENT CONNECTOR BLOCKS IN WHICH JACKS, PLI CONNECTOR MODULES, AND CONNECTORS FOR THE TRANSMISSION AND INTERCONNECTION OF VOICE, DA AND AUDIO [SIGNAL] *SIGNALS* ARE MOUNTED OR OTHERWISE RETAINED

International Class(es): 009 - Primary Class

U.S Class(es): 021, 023, 026, 036, 038

Class Status: ACTIVE

Basis: 1(a)

First Use: Jul. 1998

Use in Commerce: Jul. 1998

▼ Basis Information (Case Level)

Filed Use: No

Currently Use: Yes

Filed ITU: Yes

Currently ITU: No

Filed 44D: No

Currently 44E: No

Filed 44E: No

Currently 66A: No

Filed 66A: No

Currently No Basis: No

Filed No Basis: No

▼ Current Owner(s) Information

Owner Name: Leviton Manufacturing Co., Inc.

Owner Address: 201 North Service Road
Melville, NEW YORK UNITED STATES 11747

Legal Entity Type: CORPORATION

State or Country Where Organized: DELAWARE

▼ Attorney/Correspondence Information

Attorney of Record

Attorney Name: Daniel F. Zendel

Docket Number: 2T06501975

Attorney Primary Email Address: nyustmr@ladas.com

Attorney Email Authorized: Yes

Correspondent

Correspondent Name/Address: Daniel F. Zendel
LADAS & PARRY LLP
1040 Avenue of the Americas
NEW YORK, NEW YORK UNITED STATES 10018

Phone: 212-708-1970

Fax: 212-246-8959

Correspondent e-mail: nyustmr@ladas.com

Correspondent e-mail Authorized: Yes

Domestic Representative - Not Found

▼ Prosecution History

Date	Description	Proceeding Number
Feb. 26, 2011	REGISTERED AND RENEWED (FIRST RENEWAL - 10 YRS)	68973
Feb. 26, 2011	REGISTERED - SEC. 8 (10-YR) ACCEPTED/SEC. 9 GRANTED	
Feb. 23, 2011	CASE ASSIGNED TO POST REGISTRATION PARALEGAL	68973
Feb. 17, 2011	TEAS SECTION 8 & 9 RECEIVED	
Sep. 12, 2007	REGISTERED - SEC. 8 (6-YR) ACCEPTED & SEC. 15 ACK.	59807
Sep. 05, 2007	ASSIGNED TO PARALEGAL	59807
Aug. 20, 2007	REGISTERED - SEC. 8 (6-YR) & SEC. 15 FILED	
Aug. 20, 2007	TEAS SECTION 8 & 15 RECEIVED	
Feb. 05, 2007	CASE FILE IN TICRS	
Sep. 04, 2002	TEAS CHANGE OF CORRESPONDENCE RECEIVED	
Apr. 19, 2002	CERTIFICATE OF CORRECTION ISSUED	
Feb. 20, 2002	CERTIFICATE OF CORRECTION ISSUED	
Jan. 28, 2002	SEC 7 REQUEST FILED	
Aug. 28, 2001	REGISTERED-PRINCIPAL REGISTER	
May 14, 2001	ALLOWED PRINCIPAL REGISTER - SOU ACCEPTED	
Mar. 26, 2001	ASSIGNED TO EXAMINER	73717
Mar. 18, 2001	STATEMENT OF USE PROCESSING COMPLETE	
Mar. 05, 2001	USE AMENDMENT FILED	
Sep. 05, 2000	NOA MAILED - SOU REQUIRED FROM APPLICANT	
Apr. 17, 2000	EXTENSION OF TIME TO OPPOSE RECEIVED	
Mar. 14, 2000	PUBLISHED FOR OPPOSITION	
Feb. 11, 2000	NOTICE OF PUBLICATION	
Jan. 06, 2000	APPROVED FOR PUB - PRINCIPAL REGISTER	
Nov. 11, 1999	CORRESPONDENCE RECEIVED IN LAW OFFICE	
May 12, 1999	NON-FINAL ACTION MAILED	
May 04, 1999	ASSIGNED TO EXAMINER	73717
Apr. 27, 1999	ASSIGNED TO EXAMINER	76143

▼ TM Staff and Location Information

TM Staff Information - None

File Location

Current Location: GENERIC WEB UPDATE

Date in Location: Feb. 26, 2011

▼ Assignment Abstract Of Title Information - None recorded

▼ Proceedings - None recorded

WIPO WORLD INTELLECTUAL PROPERTY ORGANIZATION	Madrid Monitor	International Trademark
1007089- EXTREME		Printed: 2020-02-11 16:09

1007089- EXTREME

Full details / English

Current Status

- 180 Expected expiration date of the registration/renewal**
06.05.2029
- 151 Date of the registration**
06.05.2009
- 270 Language of the application**
English
- 732 Name and address of the holder of the registration**
Leviton Manufacturing Co., Inc.
201 North Service Road
Melville, NY 11747 (US)
- 812 Contracting State or Contracting Organization in the territory of which the holder has a real and effective industrial or commercial establishment**
US
- 740 Name and address of the representative**
Patricia L. Werner, Kelley Drye & Warren LLP
101 Park Avenue
New York NY 10178 (US)
- 540 Mark**
EXTREME
- 541 Reproduction of the mark where the mark is represented in standard characters**
- 511 International Classification of Goods and Services for the Purposes of the Registration of Marks (Nice Classification) - NCL(9)**
09 Jacks, patch cords, insulation displacement connector blocks, connector modules, and connectors for the transmission and interconnection of voice, data, video, and audio signals; patch panels, patch blocks, patch cords, and insulation displacement connector blocks in which jacks, plugs, connector modules, and connectors for the transmission and interconnection of voice, data, video, and audio signals are mounted or otherwise retained.
- 821 Basic application**
US, 06.10.1998, 75565035
- 822 Basic registration**
US, 28.08.2001, 2482917
- 832 Designation(s) under the Madrid Protocol**
BH - EM - SG
- 527 Indications regarding use requirements**
SG

Transaction History

expand none

**WORLD INTELLECTUAL
PROPERTY ORGANIZATION**

34, chemin des Colombettes, P.O. Box 18, CH-1211 Geneva 20 (Switzerland)
Tel.: (41-22) 338 9111 - Facsimile (International Registry of Marks): (41-22) 740 1429
E-mail: intreg.mail@wipo.int - Internet: <http://www.wipo.int>



MADRID AGREEMENT AND PROTOCOL

**ARRANGEMENT ET PROTOCOLE
DE MADRID**

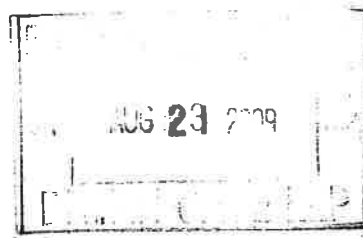
Robert Alpert
Bryan Cave LLP
1290 Avenue of the Americas,
New York, NY 10104
United States of America

0233264
Bock SA

Geneva/Genève, 06.08.2009

Our ref./notre réf.: 806/494248701
Your ref./votre réf.:

International registration No. 1 007 089
Enregistrement international n° 1 007 089
(EXTREME)



In accordance with Rule 14(1) of the Common Regulations under the Madrid Agreement and the Protocol Relating to that Agreement, please find herewith the certificate for the above-mentioned international registration. This certificate is issued only in the language in which the international application was filed.

This international registration will be published in the *WIPO Gazette of International Marks* No.: 2009/30.

**International Bureau of the World Intellectual
Property Organization (WIPO)**

Nous vous remettons ci-joint, en application de la règle 14.1) du règlement d'exécution commun à l'Arrangement de Madrid et au Protocole relatif à cet Arrangement, le certificat de l'enregistrement international susmentionné. Ce certificat est délivré uniquement dans la langue dans laquelle la demande internationale a été déposée.

Cet enregistrement international sera publié dans la *Gazette OMPI des marques internationales* n°: 2009/30.

**Bureau international de l'Organisation Mondiale
de la Propriété Intellectuelle (OMPI)**



CERTIFICATE OF REGISTRATION

The International Bureau of the World Intellectual Property Organization (WIPO) certifies that the indications appearing in the present certificate conform to the recording made in the International Register of Marks maintained under the Madrid Agreement and Protocol.

A handwritten signature in dark ink, appearing to read "J. Zahra", is written over the printed name.

Judith ZAHRA
Officer-in-charge
International Registrations Department
International Registrations
Operations Division

Geneva, August 6, 2009

1 007 089

Registration date: May 6, 2009

Date next payment due: May 6, 2019

Leviton Manufacturing Co., Inc.

59-25 Little Neck Parkway

Little Neck, NY 11362

(United States of America).

Legal nature of the holder (legal entity) and place of organization: Corporation, Delaware, United States.

Name and address of the representative: Robert Alpert Bryan Cave LLP, 1290 Avenue of the Americas, New York, NY 10104 (United States of America).

EXTREME

Indication relating to the nature or kind of mark: standard characters

List of goods and services - NCL(9):

9 Jacks, patch cords, insulation displacement connector

blocks, connector modules, and connectors for the transmission and interconnection of voice, data, video, and audio signals; patch panels, patch blocks, patch cords, and insulation displacement connector blocks in which jacks, plugs, connector modules, and connectors for the transmission and interconnection of voice, data, video, and audio signals are mounted or otherwise retained.

Basic application: United States of America, 06.10.1998, 75565035.

Basic registration: United States of America, 28.08.2001, 2482917.

Designations under the Madrid Protocol: Australia, Bahrain, Democratic People's Republic of Korea, European Community, Japan, Singapore.

Declaration of intention to use the mark: Singapore.

Date of notification: 06.08.2009

Language of the international application: English

eXtreme® Cat 5e Component-Rated UTP QuickPort® Jack

APPLICATION

The eXtreme Cat 5e Component-Rated UTP Jack is designed to be used with all Leviton QuickPort compatible products. The jack includes patented Retention Force Technology™ which promotes consistent performance over the life of the system. It includes unique pair separation towers allowing for quicker and easier terminations. The jack is in a 180-degree configuration with the punch field in the back, allowing for rear termination.



SPECIFICATION

The jack shall meet or exceed the requirements for channel- and component-level performance as described in ANSI/TIA-568.2-D Category 5e standards, as well as the Class D requirements described in ISO/IEC 11801-1. The jack shall also be in compliance with all National Electrical Codes; compliant with ANSI/TIA-1096-A; UL listed; and independently verified. All plastics used in construction of the jack bodies shall be fire retardant with a UL flammability rating of 94V-0. Termination of all jacks shall be 110-type insulation displacement connectors (IDC). The jack shall provide a ledge directly adjacent to the 110-style termination against which the wires can be terminated and cut in one action by the installation craftsman. Jack wiring is universal and will accommodate installation color codes for T568A and T568B wiring schemes. The jack shall be individual snap-in style and the termination field shall be in the rear for easy access. The jack shall include a snap on dust cap with high pull-out force and shall fit in a variety of telecommunications wallplates, outlets, and field-configurable patch panels and patch blocks.

FEATURES

- Terminates 26-22-gauge solid conductors
- Capable of multiple re-terminations
- Gas-tight IDC connectors prevent corrosion
- Dual-layer T568B/T568A wiring label simplifies punchdown
- Patented Retention Force Technology protects tines from damage and increases system longevity
- Pair Separation Tower design facilitates separation of conductors and minimizes untwisting
- 180-degree configuration allows for rear termination
- Available in 13 ANSI/TIA-606-C compatible colors for color coding or organization
- Available individually, in bulk packages of 25, and in bulk packages of 150 with a JackRapid™ Punchdown Tool

DESIGN CONSIDERATIONS

- Use in any QuickPort housing to support eXtreme Cat 5e UTP connectivity in surface-mount, flush-mount, or modular furniture outlets and field-configurable panels
- Can be used in conjunction with other QuickPort snap-in modules for voice/data and video applications over UTP, coax, and fiber

STANDARDS COMPLIANCE

- ANSI/TIA-568.2-D (Cat 5e)
- ISO/IEC 11801-1 (Class D)
- ANSI/TIA-1096-A (formerly FCC Part 68)
- cULus Listed
- PoE standards: IEEE 802.3af, 802.3at, 802.3bt (Type 3), Cisco UPoE up to 60 watts
- UL 2043 Plenum Certified

PHYSICAL SPECIFICATIONS

Dimensions: See page two

Materials: **Jack Body:** High-impact, fire-retardant plastic rated UL 94V-0

Spring-Wire Contacts: High-quality copper-based alloy, plated with 50 micro-inches of gold over 100 micro-inches of nickel for lowest electrical contact resistance and maximum life

Environmental

Conditions: **Storage Temperature:** -40 °C to +70 °C
Operating Temperature: -10 °C to +60 °C

COUNTRY OF ORIGIN

United States

PRODUCT SPECIFICATIONS

5G110-xx5



WARRANTY INFORMATION

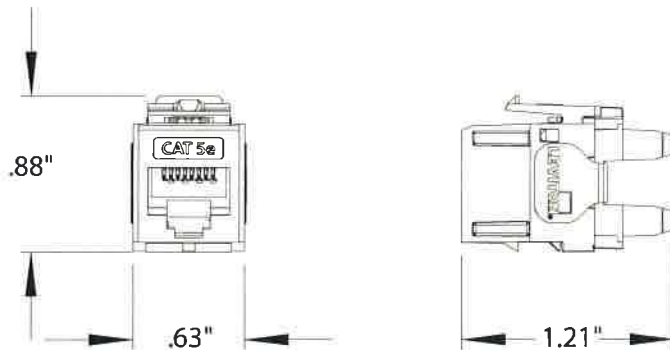
Limited product and limited extended warranties are rendered VOID if the installed structured cabling system is used for Power over Ethernet applications that exceed the product's specified power rating.

For a copy of Leviton product warranties, visit www.leviton.com/warranty.

ELECTRONIC FILES

For CAD files, typical specs, or technical drawings (.DXF, .DWG), visit www.leviton.com.

5G110-xx5



PART NUMBERS

Description	Jack	QuickPack 25/Bag	150/Bag with JackRapid™ Tool
eXtreme® Cat 5e Component-Rated UTP QuickPort® Jack, white	5G110-RW5	5G110-BW5	5G110-JW5
eXtreme Cat 5e Component-Rated UTP QuickPort Jack, light almond	5G110-RT5	5G110-BT5	5G110-JT5
eXtreme Cat 5e Component-Rated UTP QuickPort Jack, blue	5G110-RL5	5G110-BL5	5G110-JL5
eXtreme Cat 5e Component-Rated UTP QuickPort Jack, ivory	5G110-RI5	5G110-BI5	5G110-JI5
eXtreme Cat 5e Component-Rated UTP QuickPort Jack, yellow	5G110-RY5	5G110-BY5	5G110-JY5
eXtreme Cat 5e Component-Rated UTP QuickPort Jack, orange	5G110-RO5	5G110-BO5	5G110-JO5
eXtreme Cat 5e Component-Rated UTP QuickPort Jack, crimson	5G110-RC5	5G110-BC5	5G110-JC5
eXtreme Cat 5e Component-Rated UTP QuickPort Jack, dark red	5G110-RR5	5G110-BR5	5G110-JR5
eXtreme Cat 5e Component-Rated UTP QuickPort Jack, purple	5G110-RP5	5G110-BP5	5G110-JP5
eXtreme Cat 5e Component-Rated UTP QuickPort Jack, green	5G110-RV5	5G110-BV5	5G110-JV5
eXtreme Cat 5e Component-Rated UTP QuickPort Jack, gray	5G110-RG5	5G110-BG5	5G110-JG5
eXtreme Cat 5e Component-Rated UTP QuickPort Jack, black	5G110-RE5	5G110-BE5	5G110-JE5
eXtreme Cat 5e Component-Rated UTP QuickPort Jack, brown	5G110-RB5	5G110-BB5	5G110-JB5



Leviton Network Solutions
2222 - 222nd St. SE
Bothell, WA 98021-4416

Asia / Pacific
T +1.631.812.6228
E infoasean@leviton.com

Canada
T +1.514.954.1840
E pcservice@leviton.com

Caribbean
T +1.954.593.1896
E infocaribbean@leviton.com

China
T +852.2774.9876
E infochina@leviton.com

Colombia
T +57.1.743.6045
E infocolombia@leviton.com

tel 1-800-824-3005
tel +1-425-486-2222
appeng@leviton.com
www.leviton.com

Europe
T +44.0.1592.772124
E customerserviceeu@leviton.com

Mexico
T +52.55.5082.1040
E Esamarketing@leviton.com

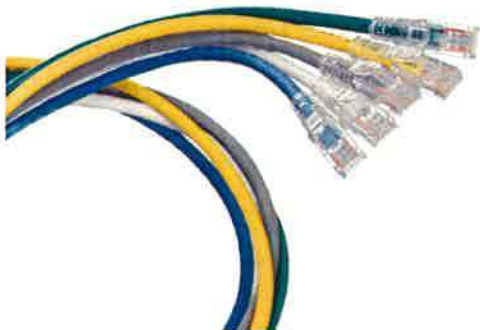
Middle East & Africa
T +971.4.247.9800
E Imeinfo@leviton.com

South Korea
T +82.2.3273.9963
E infokorea@leviton.com

eXtreme® Cat 5e SlimLine Boot UTP Patch Cords

APPLICATION

Leviton eXtreme SlimLine patch cords feature low-profile strain-relief boots to support today's high-density applications. Patch cords are designed to be used with high-density panels and switches. The snagless design makes SlimLine patch cords an excellent choice in environments with frequent moves, adds, and changes.



SPECIFICATION

Patch cords shall meet or exceed requirements for Cat 5e performance described in ANSI/TIA-568.2-D. Patch cords shall be stranded conductor with an 8-position modular plug on each end. The cords shall be available in lengths of 3, 5, 7, and 10 feet. Patch cords shall include a narrow-profile boot and a snag-free latch. Patch cord plug shall have industry-standard, ANSI/TIA-1096-A compliant 50 micro inches of gold plating.

COUNTRY OF ORIGIN

China

FEATURES

- Tested and verified for Cat 5e component performance
- Improved plug access in tight spaces
- Snagless plug design
- Stranded conductor for longer flex-life
- Improved strain relief

DESIGN CONSIDERATIONS

- ANSI/TIA channel performance limits total length of patching and equipment cords to 32 feet (10 meters) per ANSI/TIA-568.2-D
- A variety of colors for color coding or organization
- Available in four standard lengths (custom lengths also available)

STANDARDS COMPLIANCE

- ANSI/TIA-568.2-D
- ISO/IEC 11801
- ANSI/TIA-1096-A (formerly FCC Part 68)
- cULus Listed
- RoHS
- UL 444 CM rated
- PoE standards: IEEE 802.3af, 802.3at, 802.3bt, and Cisco UPoE, up to 60 watts

PHYSICAL SPECIFICATIONS

Dimensions:	See page two
Outer Diameter:	0.22"
Materials:	24-gauge, UTP stranded conductor, modular non-keyed, 8-position, 8-conductor plug, 94V-0 rated
Colors:	White, yellow, blue, green, gray
Environmental Conditions:	Operating Temperature: -20 °C to +60 °C Installation Temperature: 0 °C to +50 °C

WARRANTY INFORMATION

Limited Product and Limited Extended Warranties are rendered VOID if the installed structured cabling system is used for PoE applications that exceed the product's specified power rating. For a copy of Leviton product warranties, visit www.leviton.com/warranty.

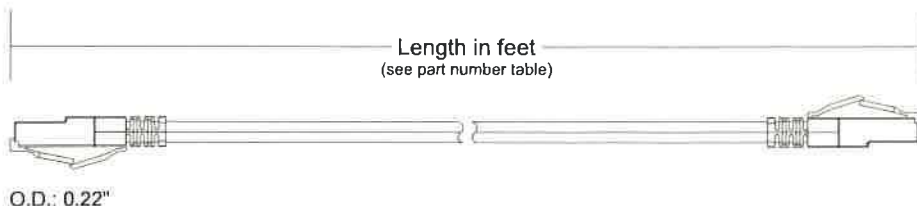
PRODUCT SPECIFICATIONS

5D460-xxx



ELECTRONIC FILES

For CAD files, typical specs, or technical drawings (.DXF, .DWG), visit www.leviton.com.



5D460-xxx

EXTREME® CAT 5E SLIMLINE BOOT UTP PATCH CORDS – STOCKED ITEMS

Description	White	Yellow	Blue	Green	Gray
Cat 5e SlimLine Boot UTP Patch Cord, 3 feet (0.9 m)	5D460-03W	5D460-03Y	5D460-03L	5D460-03G	5D460-03S
Cat 5e SlimLine Boot UTP Patch Cord, 5 feet (1.5 m)	5D460-05W	5D460-05Y	5D460-05L	5D460-05G	5D460-05S
Cat 5e SlimLine Boot UTP Patch Cord, 7 feet (2.1 m)	5D460-07W	5D460-07Y	5D460-07L	5D460-07G	5D460-07S
Cat 5e SlimLine Boot UTP Patch Cord, 10 feet (3.0 m)	5D460-10W	5D460-10Y	5D460-10L	5D460-10G	5D460-10S

NOTE: Other lengths are available by special order. Please contact customer service for more information.



For assistance customizing your patch cords, please visit www.leviton.com/configurator or call Tech Support at 800.824.3005.



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China
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Colombia
T +57.1.743.6045
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tel +1-425-486-2222
appeng@leviton.com
www.leviton.com

Europe
T +44.0.1592.772124
E customerserviceeu@leviton.com

Mexico
T +52.55.5082.1040
E lsamarketing@leviton.com

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E lmeinfo@leviton.com

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eXtreme copper

Data Sheet

NE300 Network Extender

BENEFITS:

- Low cost, secure, and easily installed
- Simple programming and configuration
- Implementation in either point-to-point and/or point-to-multi-point applications
- Uses existing site phone cabling

ADVANTAGES OF VDSL TECHNOLOGY:

- Low cost solution for extending high-speed communications over long distances using a single twisted pair of wire.
- Extends the distance of 10/100 Ethernet/CAT 5 video, audio, and control systems beyond the CAT 5 limitation of 330 feet.
- Simultaneously supports video, high-speed data, ISDN, and POTS telephone service.
- Does not require PC or Software after initial programming has been completed.
- Easily accommodates Access Control system data or data streams from serial data to TCP/IP converters for security, building controls or plant process equipment.
- Inter-modem Data Link allows management of remote end (NT-300) via Telnet, SNM.



DESCRIPTION:

Extreme Copper's advanced VDSL technology has added a new dimension in twisted pair solutions for the security industry. The NE300 VDSL modem set will carry 27mbps of asymmetrical data in an TCP/IP format over a single pair of twisted wire of either CAT 1,2,3 or 5 up to 4000 feet. Furthermore, the range of 4000 feet can be extended in 4000 foot increments by using the NE300 as a repeater.

Extreme Copper's VDSL technology provides low cost solutions in an increasingly cost sensitive yet environmentally demanding climate.

ETHERNET INTERFACE:

- IEEE 802.3 10BaseT compliant
- IEEE 802.3u 100Base TX compliant
- 10/100 Mbps Full and Half Duplex, Auto-Negotiating

VDSL LINE RATES:

VDSL rates are configurable via front access or through the GUI interface.

HTTP WEB-BASED MANAGEMENT:

- Firmware upgrade via inter-modem data link
- Configuration via front access port

ELECTRICAL:

- External AC power cube
- 90 to 240 VAC @ 47 to 63Hz
- Internal 18-72 VDC
- 2 Watt

INDICATORS:

- Power
- Ethernet "Good Link"
- Ethernet "Activity"
- VDSL "Sync"

OPERATING ENVIRONMENT:

- Telcordia GR-57-Core
- Temperature: -40°C to +74°C
- Humidity: 10 - 95%, non-condensing

MECHANICAL:

- Height 1.5in (3.8cm)
- Depth 5.0in (12.6cm)
- Width 3.8in (9.6 cm)
- Metal enclosure with wall mount tabs
- DIN Rail (optional)

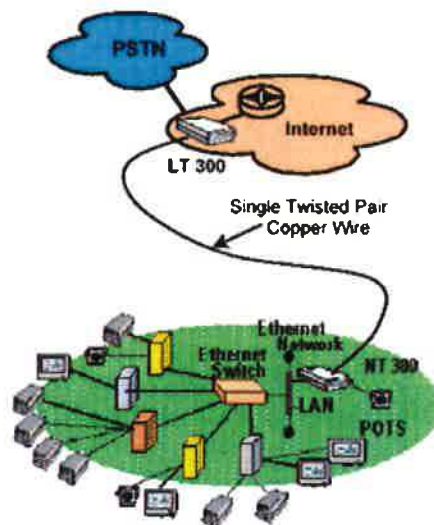
CONNECTORS:

- RJ45 for 10BaseT Ethernet access
- RJ11 for VDSL access
- RJ11 for ISDN, POTS access (external Bat required)

REGULATORY COMPLIANCE:

- FCC Part 15 Class B
- UL 1950/CSA C22.2 No.950

Specifications are subject to change without notice.



eXtreme copper

Corporate Office

107 N. Reino Road
Suite 233
Newbury Park, CA 91320

Research & Development Center

2243 Agate Court
Unit E
Simi Valley, CA 93065

Contact Information

Phone: 818.230.2477
Fax: 818.292.8590
sales@extremecopper.com

www.extremecopper.com