

**Prostal**



**Made in Thailand**

**Prostal brother - Hosiwell Company**

*For more info, please refer to: [www.prostal.com.tw](http://www.prostal.com.tw)*

Hosiwell Technology Co., Ltd., brother company of Prostal Limited, was established in 1991. The head office is located in Bangkok and factory was nearby the city. We have around 10,000 square meters work area and 200 employees. As a professional manufacturer, there are two main production departments: Wire and Cable and Cable Assembly. We got ISO9001:2015 and ISO14001:2015 certified. Hosiwell has a wide range of products to satisfy its customer world-wide for different application.

Prostal Limited is dedicated to delivering valuable solutions and has the capability to develop, design, and manufacture passive fiber optic products and copper networking products. We provides full line of LED screen, passive fiber optic connectivity and copper networking solutions. Our products are widely being used for MAN, LAN, SAN, Security, Fiber Channel, FTTH and Wireless etc.

The major products included:

- LAN Cat.5e/Cat.6/Cat.6a shield/unshielded horizontal cable
- LAN Cat.5e/Cat.6/Cat.6a shield/unshielded patch cord
- VGA/HDMI cable
- CATV/MATV/CCTV coaxial cable (RG59/RG6/RG11)
- RS-232/RS-422/RS-485 cable
- Shield/unshielded Instrument control cable
- Smart building cable
- Fire resistance speaker cable, control cable and power cable.
- Telephone handset cord and line cord

Quality promotion and cost reduction are taken as the company's ultimate goals although it was never "sacrifice" quality in its attempt to achieve economy. With consistent efforts from all its staff and workers for almost 29 years, our products can meet most international standards and verified by UL & ETL (U.S.A), FORCE (Denmark) and TÜV SÜD (Singapore)...etc. The company's products have been exported world-wide, mostly to U.S.A, UK, EU, Australia, Middle -east and South-east Asia.

For more info., please visit our website:

[www.prostal.com.tw](http://www.prostal.com.tw)

# CATV/CCTV Coaxial Cable Series

**Prostal**



# Control Cable Series

***Prostal***







**intertek**  
Total Quality. Assured.

# CERTIFICATE OF REGISTRATION

**This is to certify that the management system of:**  
**Hosiwell Technology Co., Ltd.**  
 Main Site: 79 Moo 5, T. Bangsamuk, A. Bangpakong, Chachoengsao 24130 Thailand  
 has been registered by Intertek as conforming to the requirements of:  
**ISO 9001:2015**  
 The management system is applicable to:  
 The Manufacture of Wire and Cable, Networks Cabling Products and Cable Assembly.

**Certificate Number:**  
24111306033  
**Initial Certification Date:**  
30 May 2013  
**Date of Certification Decision:**  
04 December 2020  
**Issuing Date:**  
07 December 2020  
**Valid Until:**  
05 January 2024

   
**Intertek** 014

  
**Calin Moldovean**  
 President, Business Assurance  
 Intertek Certification Limited, 10A Victory Park, Victory Road, Derby DE24 8ZF, United Kingdom  
 Intertek Certification Limited is a UKAS accredited body under schedule of accreditation no. 014.



In the issuance of this certificate, Intertek assumes no liability to any party other than to the Client, and then only in accordance with the agreed upon Certification Agreement. This certificate's validity is subject to the organization maintaining their system in accordance with Intertek's requirements for systems certification. Validity may be confirmed via email at [certificate.validations@intertek.com](mailto:certificate.validations@intertek.com) or by scanning the code to the right with a smartphone. The certificate remains the property of Intertek, to whom it must be returned upon request.



# ISO 9001:2015

**intertek**  
Total Quality. Assured.

# CERTIFICATE OF REGISTRATION

**This is to certify that the management system of:**  
**Hosiwell Technology Co., Ltd.**  
 Main Site: 79 Moo 5, T. Bangsamuk, A. Bangpakong, Chachoengsao 24130 Thailand  
 has been registered by Intertek as conforming to the requirements of:  
**ISO 14001:2015**  
 The management system is applicable to:  
 The Manufacture of Wire and Cable, Networks Cabling Products and Cable Assembly.

**Certificate Number:**  
24121306010  
**Initial Certification Date:**  
30 May 2013  
**Date of Certification Decision:**  
04 December 2020  
**Issuing Date:**  
07 December 2020  
**Valid Until:**  
05 January 2024

   
**Intertek** 014

  
**Calin Moldovean**  
 President, Business Assurance  
 Intertek Certification Limited, 10A Victory Park, Victory Road, Derby DE24 8ZF, United Kingdom  
 Intertek Certification Limited is a UKAS accredited body under schedule of accreditation no. 014.



In the issuance of this certificate, Intertek assumes no liability to any party other than to the Client, and then only in accordance with the agreed upon Certification Agreement. This certificate's validity is subject to the organization maintaining their system in accordance with Intertek's requirements for systems certification. Validity may be confirmed via email at [certificate.validations@intertek.com](mailto:certificate.validations@intertek.com) or by scanning the code to the right with a smartphone. The certificate remains the property of Intertek, to whom it must be returned upon request.



# ISO 14001:2015

# UL Certificate (1)



**CERTIFICATE OF COMPLIANCE**

**Certificate Number** 20190121-E135928  
**Report Reference** E135928-10900416  
**Issue Date** 2019-JANUARY-21


**Issued to:** HOSIWELL TECHNOLOGY CO LTD  
79 Moo 5, T Bangsamuk, A Bangpakong  
Chachoengsao 24130 THAILAND


**This certificate confirms that representative samples of** COMMUNICATIONS CABLE  
USL: Communications Cable, Types, CMX, CM, CMG, CMR rated 60 or 75°C.  
CNL: Communications Cable, Types CMH, CMX, CM, CMG, CMR rated 60 or 75°C.  
Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

**Standard(s) for Safety:** UL 444 & CSA C22.2, No. 214-94 Standard for Communications Cables.

**Additional Information:** See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information.

This Certificate of Compliance does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.  
Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.  
Look for the UL Certification Mark on the product.

  
Bruce McInerney, Director North American Certification Program  
UL LLC  
Any information and documentation including UL Mark notices are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at [ul@ulprospector.com](mailto:ul@ulprospector.com).



Page 1 of 1

Communication Cable CMR

**CERTIFICATE OF COMPLIANCE**

**Certificate Number** E135928  
**Report Reference** E135928-20200122  
**Issue Date** 2020-JANUARY-23

**Issued to:** HOSIWELL TECHNOLOGY CO LTD  
79 Moo 5  
T Bangsamuk  
A Bangpakong  
Chachoengsao 24130 THAILAND

**This certificate confirms that representative samples of** COMMUNICATIONS CABLE  
Communications Cables, Type CMX Outdoor rated 75°C.

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

**Standard(s) for Safety:** Communications Cables - UL 444  
Communications Cables - CSA C22.2 No. 214-17

**Additional Information:** See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information.

This Certificate of Compliance does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.  
Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.  
Look for the UL Certification Mark on the product.

  
Bruce McInerney, Director North American Certification Program  
UL LLC  
Any information and documentation including UL Mark notices are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at [ul@ulprospector.com](mailto:ul@ulprospector.com).



Page 1 of 1

Communication Cable CMX Outdoor

# UL Certificate (2)



**CERTIFICATE OF COMPLIANCE**

Certificate Number 20190123-E125840  
Report Reference E125840-19920807  
Issue Date 2019-JANUARY-23

**Issued to:** HOSIWELL TECHNOLOGY CO LTD  
79 Moo 5  
T Bangsamuk  
A Bangpakong  
Chachoengsao 24130 THAILAND

**This certificate confirms that representative samples of** POWER-LIMITED CIRCUIT CABLE  
Power Limited Circuit Cable,  
Type CL2, CL2X, CL3, and CL3X, 60, 75, 90 and 105°C.

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

**Standard(s) for Safety:** Standard for Power-Limited Circuit Cable", UL 13.  
**Additional Information:** See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information.

This Certificate of Compliance does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark. Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.  
Look for the UL Certification Mark on the product.

  
R. Mally  
Senior Vice President, Director, North American Certification Program  
UL LLC



Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact your local UL Customer Service Representative at [custserv@ul.com](mailto:custserv@ul.com)

Page 1 of 1

Power Limited Control Cable

**CERTIFICATE OF COMPLIANCE**

Certificate Number 20190123-E157979  
Report Reference E157979-19940502  
Issue Date 2019-JANUARY-23

**Issued to:** HOSIWELL TECHNOLOGY CO LTD  
79 Moo 5  
T Bangsamuk  
A Bangpakong  
Chachoengsao 24130 THAILAND

**This certificate confirms that representative samples of** POWER-LIMITED FIRE ALARM CABLE  
Power Limited Fire-Protective Signaling Cable,  
Type FPL (105°C).

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

**Standard(s) for Safety:** Standard for Power Limited Fire-Protective Signaling Cable, UL 1424  
**Additional Information:** See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information.

This Certificate of Compliance does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark. Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.  
Look for the UL Certification Mark on the product.

  
R. Mally  
Senior Vice President, Director, North American Certification Program  
UL LLC



Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact your local UL Customer Service Representative at [custserv@ul.com](mailto:custserv@ul.com)

Page 1 of 1

Power Limited Fire-Protective Signaling Cable

# UL Certificate (3)



**CERTIFICATE OF COMPLIANCE**

Certificate Number 20190124-E131077  
Report Reference E131077-19920327  
Issue Date 2019-JANUARY-24

Issued to: HOSIWELL TECHNOLOGY CO LTD  
79 Moo 5  
T Bangsamuk  
A Bangpakong  
Chachoengsao 24130 THAILAND

This certificate confirms that representative samples of COMPONENT - APPLIANCE WIRING MATERIAL For Models Refer Addendum Page

Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

Standard(s) for Safety: UL 758 - Appliance Wiring Material  
Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information.

This Certificate of Compliance does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.

  
Bruce Matthews, Chief, North American Certification Program  
UL LLC  
Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at [customer.service@ul.com](mailto:customer.service@ul.com)



Page 1 of 3

Appliance Wiring Material

**CERTIFICATE OF COMPLIANCE**

Certificate Number 20190123-E138991  
Report Reference E138991-19911101  
Issue Date 2019-JANUARY-23

Issued to: HOSIWELL TECHNOLOGY CO LTD  
79 Moo 5  
T Bangsamuk  
A Bangpakong  
Chachoengsao 24130 THAILAND

This certificate confirms that representative samples of COMMUNITY ANTENNA TELEVISION CABLE Community Antenna Television Cable, Type CATVX, CATV.

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 1655 - Community-Antenna Television Cables  
Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information.

This Certificate of Compliance does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.

  
Bruce Matthews, Chief, North American Certification Program  
UL LLC  
Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at [customer.service@ul.com](mailto:customer.service@ul.com)



Page 1 of 1

CATV Cable

# TÜV Certificate

Prostal

ZERTIFIKAT ♦ CERTIFICATE ♦ 認證證書 ♦ CERTIFICADO ♦ CERTIFICAT



## TEST CERTIFICATE

This Certificate is issued to

**Hosiwell Technology Co., Ltd**  
79 Moo 5, T. Bangsamuk,  
A. Bangpakong, Chachoengsao 24130,  
Thailand

**FOR**

Product: FIRE RESISTANT CABLE  
Brand/Model: HOSIWELL / FRCK15001P – LSZH  
Detail: CU/MT/XLPE/OSCR/LSZH Fire Resistant Instrumentation Cable  
Size: 1P x 1.5 mm<sup>2</sup>, Voltage: 300/500 V, Conductor: Stranded circular non-compact plain copper wires (class 2); Fire-barrier: Mica Tape; Insulation: XLPE- Clear White and Clear Black; Binder: Mylar tape; Drain wire: Stranded tinned copper wire (class 2); Overall screen: Aluminium foil; Sheath: LSZH-Orange  
Specification: BS 6387:2013  
Test method for resistance to fire of cables required to maintain circuit integrity under fire conditions (Protocols C, W and Z)  
Test Report: 7191149365-EEC16  
Date of Test Report: 18 Nov 2016

**Summary**  
A sample of the product has been tested and found to meet the requirements of the above specification.

  
TUV SUD PSB Pte Ltd

Certificate No:	Date of Original Issue:	Date of Last Revision:	Date of Expiry:
03662	12/12/2016	-	11/12/2018

This Certificate is part of a full report and should be read in conjunction with it. This Certificate remains the property of TÜV SUD PSB Pte Ltd and shall be returned upon request. The use of this Certificate is subjected to the terms and conditions of the Test Certification Scheme.  
Note: This Certificate is issued pursuant to the terms set out overleaf.

TÜV SUD PSB Pte Ltd • 1 Science Park Drive, Singapore 118221 

ZERTIFIKAT ♦ CERTIFICATE ♦ 認證證書 ♦ CERTIFICADO ♦ CERTIFICAT



## TEST CERTIFICATE

This Certificate is issued to

**Hosiwell Technology Co., Ltd**  
79 Moo 5, T. Bangsamuk,  
A. Bangpakong, Chachoengsao 24130,  
Thailand

**FOR**

Product: FIRE RESISTANT CABLE  
Brand/Model: HOSIWELL / FRCP15002C – LSZH  
Detail: CU/MT/XLPE/LSZH CABLE  
Size: 2C x 1.5 mm<sup>2</sup>, Voltage: 600/1000 V; Conductor: Stranded circular non-compact plain copper wires (class 2); Fire-barrier: Mica Tape; Insulation: XLPE- Red and Black; Sheath: LSZH- Orange  
Specification: BS 6387:2013  
Test method for resistance to fire of cables required to maintain circuit integrity under fire conditions (Protocols C, W and Z)  
Test Report: 7191145132-EEC16  
Date of Test Report: 09 Sep 2016

**Summary**  
A sample of the product has been tested and found to meet the requirements of the above specification.

  
TUV SUD PSB Pte Ltd

Certificate No:	Date of Original Issue:	Date of Last Revision:	Date of Expiry:
03615	22/09/2016	-	21/09/2018

This Certificate is part of a full report and should be read in conjunction with it. This Certificate remains the property of TÜV SUD PSB Pte Ltd and shall be returned upon request. The use of this Certificate is subjected to the terms and conditions of the Test Certification Scheme.  
Note: This Certificate is issued pursuant to the terms set out overleaf.

TÜV SUD PSB Pte Ltd • 1 Science Park Drive, Singapore 118221 

Fire Resistance Control Cable

Fire Resistance Power Cable

# Europe FORCE Certificate (1)

**Prostal**



**Compliance Statement** No. 2020-502

Data communication cords, Category 5e

**Company**  
Hostwell Technology Co., Ltd.  
16/13, Soi Omnuch 74/1, Omnuch Road  
Pravet Subdistrict, Pravet District  
Bangkok 10250  
Thailand

**Product description**  
Unscreened Category 5e RJ45 cords LSZH (equipment, patch, and work area) characterised up to 100 MHz

**Product identification**  
10102-LLCC

**Generic cabling and cabling components standard - Category 5e balanced cord requirements**

- ISO/IEC 11801-1:2017 (Ed. 1.0) / ISO/IEC 11801-2:2017 (Ed. 1.0)
- EN 50173-1:2018 / EN 50173-2:2018
- TIA-568.2-D:2018
- IEC 61935-2:2010 (Ed. 3.0) (transmission requirements)

**Technical report** 12022602-01, DANAK-19/21236

**EC Cabling product ID** 5366

**CS valid until** 1 May 2021

This product has been tested by FORCE Technology and complies with the electrical requirements of the above specified standards and "Terms and conditions for the EC VERIFIED programme for Generic and Coaxial Cabling", DQ923506. The product takes part in a maintenance of certification schedule, which implies that FORCE Technology performs a sample test of the product once a year.

Herholm, 29 June 2020

  
Lars Lindskov Pedersen  
Test Manager

  
Dennis Andersen  
Head of Department



FORCE Technology  
Vejlgade 4  
2670 Herholm  
Denmark  
Tel. +45 43 23 14 00  
cert@force-technology.com

Cat.5e UTP Patch Cord



**Compliance Statement** No. 2020-504

Data communication cords, Category 6

**Company**  
Hostwell Technology Co., Ltd.  
16/13, Soi Omnuch 74/1, Omnuch Road  
Pravet Subdistrict, Pravet District  
Bangkok 10250  
Thailand

**Product description**  
Unscreened Category 6 RJ45 cords LSZH (equipment, patch, and work area) characterised up to 250 MHz

**Product identification**  
10102-LLCC

**Generic cabling and cabling components standard - Category 6 balanced cord requirements**

- ISO/IEC 11801-1:2017 (Ed. 1.0) / ISO/IEC 11801-2:2017 (Ed. 1.0)
- EN 50173-1:2018 / EN 50173-2:2018
- TIA-568.2-D:2018
- IEC 61935-2:2010 (Ed. 3.0) (transmission requirements)

**Technical report** 12022602-03, DANAK-19/21238

**EC Cabling product ID** 5367

**CS valid until** 1 May 2021

This product has been tested by FORCE Technology and complies with the electrical requirements of the above specified standards and "Terms and conditions for the EC VERIFIED programme for Generic and Coaxial Cabling", DQ923506. The product takes part in a maintenance of certification schedule, which implies that FORCE Technology performs a sample test of the product once a year.

Herholm, 29 June 2020

  
Lars Lindskov Pedersen  
Test Manager

  
Dennis Andersen  
Head of Department



FORCE Technology  
Vejlgade 4  
2670 Herholm  
Denmark  
Tel. +45 43 23 14 00  
cert@force-technology.com

Cat.6 UTP Patch Cord

# Europe FORCE Certificate (2)

**Prostal**



## Compliance Statement

No. 2020-505

**Data communication cords, Category 6A**

**Company**  
Hostwell Technology Co., Ltd.  
16/13, Soi Omach 74/1, Omach Road  
Prawat Subdistrict, Prawat District  
Bangkok 10250  
Thailand

**Product description**  
Screened Category 6A RJ45 cords (equipment, patch, and work area) characterised up to 500 MHz

**Product identification**  
10124-LICC

**Generic cabling and cabling components standard – Category 6A balanced cord requirements**

- ISO/IEC 11801-1:2017 (Ed. 1.0) / ISO/IEC 11801-2:2017 (Ed. 1.0)
- EN 50173-1:2018 / EN 50173-2:2018
- TIA-568.2-D:2018
- IEC 61935-2:2010 (Ed. 3.0) (transmission requirements)

**Technical report** 12022602-04, DANAK-19/21239      **EC Cabling product ID** 5952      **CS valid until** 1 May 2021

This product has been tested by FORCE Technology and complies with the electrical requirements of the above specified standards and "Terms and conditions for the EC VERIFIED programme for Generic and Coaxial Cabling", DQ9231006. The product takes part in a maintenance of certification schedule, which implies that FORCE Technology performs a sample test of the product once a year.

Herstholm, 29 June 2020


  
Lars Lindskov Pedersen  
Test Manager

  
Dennis Andersen  
Head of Department



FORCE Technology  
Vejlshøjvej 4  
2670 Sønderho  
Denmark  
Tel. +45 43 42 14 00  
cert@force-cabling.com

Cat.6a F/FTP Patch Cord



## Compliance Statement

No. 2020-501

**Screened Channel, Class E<sub>x</sub>**

**Company**  
Hostwell Technology Co., Ltd.  
16/13, Soi Omach 74/1, Omach Road  
Prawat Subdistrict, Prawat District  
Bangkok 10250  
Thailand

**Channel Identification (2 connector model)**

**Horizontal cable:**  
Hostwell Cat.6A F/FTP 4 pairs LS04, part no. 30201

**RJ45 Connector for Wall Outlet and Patch Panel:**  
Hostwell Cat.6A screened RJ45 Jack, part no. 20229 (Wall Outlet)  
Hostwell Cat.6A screened RJ45 Jack, part no. 20315 (Patch Panel)

**Cords:**  
Hostwell Cat.6A F/FTP cords 4 pairs LS04, part no. 10125-LICC

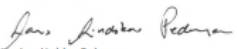
**Generic cabling standards - Class E<sub>x</sub> Channel requirements**


- ISO/IEC 11801-1:2017 (Ed. 1.0) / ISO/IEC 11801-2:2017 (Ed. 1.0)
- EN 50173-1:2018 / EN 50173-2:2018
- TIA-568.2-D:2018


**Technical report** 12024339-01, DANAK-19/21240      **EC Cabling product ID** 5989      **CS valid until** 1 June 2021

This product has been tested by FORCE Technology and complies with the electrical requirements of the above specified standards and "Terms and conditions for the EC VERIFIED programme for Generic and Coaxial Cabling", DQ9231006. The product takes part in a maintenance of certification schedule, which implies that FORCE Technology performs a sample test of the product once a year.

Herstholm, 29 June 2020

  
Lars Lindskov Pedersen  
Test Manager

  
Dennis Andersen  
Head of Department



FORCE Technology  
Vejlshøjvej 4  
2670 Sønderho  
Denmark  
Tel. +45 43 42 14 00  
cert@force-cabling.com

Cat.6a Channel

# USA Intertek Certificate (1)

**Prostal**

intertek



3933 US Route 11  
Cortland, New York 13045 USA  
Phone Number: (800) 345-3851  
Fax Number: (607) 758-6637  
Web: www.intertek.com

ETL Verified Certificate of Conformance Number: 3032132CRT-003

On the basis of the tests undertaken, the sample(s) of the below product have been found to comply with the essential requirements of the referenced specifications at the time the tests were carried out.

Rendered to:  
**Hosiwell Technology Co., Ltd.**  
No. 8, Soi onnuh 21/1  
Sukhumvit 77 Rd., Suan Luang  
Bangkok 10250, Thailand  
Contact: Mr. Xu Qing Qian

**Product Tested:** Category 5e UTP CMR 24 AWG Modular Cord  
**Model(s) and or Brand Name:** Patch Cord 10005-LLCC ((LL = Length 1 ft. to 25 ft.) (CC = Color))  
**Standard(s)/Specification:** ANSI/TIA-568.2-D Category 5e with the applicable electrical transmission characteristics  
**Product labeling shall include:** ETL Verified to ANSI/TIA-568.2-D Category 5e and the product model(s) and or brand name

Continuing compliance to this specification is monitored through production testing, ongoing inspections by Intertek at the production facility and random sample testing.

**Date Issued:** October 21, 2002 **Date Revised:** November 29, 2018

**Approved By:**   
Antoine Pelletier, Project Engineer

This verification supersedes all previous verifications with the noted Verification/Report number(s) dated before this verification notice.

**NOTE:** This verification is part of the full test report(s) and should be read in conjunction with it.

This Verification is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Verification. Only the Client is authorized to copy or distribute this Verification. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results referenced from this Verification are relevant only to the sample tested. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

Cat.5e UTP Patch Cord

intertek



3933 US Route 11  
Cortland, New York 13045 USA  
Phone Number: (800) 345-3851  
Fax Number: (607) 758-6637  
Web: www.intertek.com

ETL Verified Certificate of Conformance Number: 3048445CRT-003

On the basis of the tests undertaken, the sample(s) of the below product have been found to comply with the essential requirements of the referenced specifications at the time the tests were carried out.

Rendered to:  
**Hosiwell Technology Co., Ltd.**  
No. 8, Soi onnuh 21/1  
Sukhumvit 77 Rd., Suan Luang  
Bangkok 10250, Thailand  
Contact: Mr. Xu Qing Qian

**Product Tested:** Category 6 UTP CMR 24 AWG Modular Cord  
**Model(s) and or Brand Name:** Patch Cord 10103-LLCC (Length = 1 ft to 25 ft)  
**Standard(s)/Specification:** ANSI/TIA-568.2-D Category 6 with the applicable electrical transmission characteristics  
**Product labeling shall include:** ETL Verified to ANSI/TIA-568.2-D Category 6 and the product model(s) and or brand name

Continuing compliance to this specification is monitored through production testing, ongoing inspections by Intertek at the production facility and random sample testing.

**Date Issued:** October 16, 2003 **Date Revised:** November 29, 2018

**Approved By:**   
Antoine Pelletier, Project Engineer

This verification supersedes all previous verifications with the noted Verification/Report number(s) dated before this verification notice.

**NOTE:** This verification is part of the full test report(s) and should be read in conjunction with it.

This Verification is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Verification. Only the Client is authorized to copy or distribute this Verification. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results referenced from this Verification are relevant only to the sample tested. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

Cat.6 UTP Patch Cord

# USA Intertek Certificate (2)

**Prostal**

intertek



3933 US Route 11  
Cortland, New York 13045 USA  
Phone Number: (800) 345-3851  
Fax Number: (607) 758-6637  
Web: www.intertek.com

ETL Verified Certificate of Conformance Number: 9910099CRT-004

On the basis of the tests undertaken, the sample(s) of the below product have been found to comply with the essential requirements of the referenced specifications at the time the tests were carried out.

Rendered to:  
**Hosiwell Technology Co., Ltd.**  
No. 6, Soi onnuch 21/1  
Sukhumvit 77 Rd., Suan Luang  
Bangkok 10250, Thailand  
Contact: Mr. Xu Qing Qian

Product Tested: 4 pair, 24 AWG, UTP, CMR, Non-Pienuum Riser, Horizontal (Solid) Cable.

Model(s) and or Brand Name: 2404P

Standard(s)/Specification: ANSI/TIA-568.2-D Category 5e with the applicable electrical transmission characteristics

Jacket marking shall include: ETL Verified to ANSI/TIA-568.2-D Category 5e

Continuing compliance to this specification is monitored through production testing, ongoing inspections by Intertek at the production facility and random sample testing.

Date Issued: June 16, 1999

Date Revised: June 20, 2019

Approved By:

*Antoine Pelletier*  
Antoine Pelletier, Project Engineer

This verification supersedes all previous verifications with the noted Verification/Report number(s) dated before this verification notice.

NOTE: This verification is part of the full test report(s) and should be read in conjunction with it.

This Verification is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Verification. Only the Client is authorized to copy or distribute this Verification. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results referenced from this Verification are relevant only to the sample tested. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

intertek



3933 US Route 11  
Cortland, New York 13045 USA  
Phone Number: (800) 345-3851  
Fax Number: (607) 758-6637  
Web: www.intertek.com

ETL Verified Certificate of Conformance Number: 104094172CRT-002

On the basis of the tests undertaken, the sample(s) of the below product have been found to comply with the essential requirements of the referenced specifications at the time the tests were carried out.

Rendered to:  
**Hosiwell Technology Co., Ltd.**  
No. 6, Soi onnuch 21/1  
Sukhumvit 77 Rd., Suan Luang  
Bangkok 10250, Thailand  
Contact: Mr. Xu Qing Qian

Product Tested: 4 pair, 23 AWG, U/UTP, CMR, Non-Pienuum Riser, Horizontal (solid) Cable.

Model(s) or Brand Name: 30022

Standard(s): ANSI/TIA-568.2-D Category 6 with the applicable electrical transmission characteristics

Authorized cable marking: ETL Verified to ANSI/TIA-568.2-D Category 6

Continuing compliance to this specification is monitored through production testing, ongoing inspections by Intertek at the production facility and random sample testing.

Date Issued: December 26, 2019

Approved By:

*Antoine Pelletier*  
Antoine Pelletier, Project Engineer

This verification supersedes all previous verifications with the noted Verification/Report number(s) dated before this verification notice.

NOTE: This verification is part of the full test report(s) and should be read in conjunction with it.

This Verification is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Verification. Only the Client is authorized to copy or distribute this Verification. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results referenced from this Verification are relevant only to the sample tested. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

Cat.5e UTP CMR Horizontal Cable

Cat.6 UTP CMR Horizontal Cable

# USA Intertek Certificate (3)

**Prostal**

intertek



3933 US Route 11  
Cortland, New York 13045 USA  
Phone Number: (800) 345-3851  
Fax Number: (607) 758-6637  
Web: www.intertek.com

ETL Verified Certificate of Conformance Number: 104237852CRT-002

On the basis of the tests undertaken, the sample(s) of the below product have been found to comply with the essential requirements of the referenced specifications at the time the tests were carried out.

Rendered to:  
**Hosiwell Technology Co., Ltd.**  
No. 6, Soi onnuch 21/1  
Sukhumvit 77 Rd., Suan Luang  
Bangkok 10250, Thailand  
Contact: Mr. Xu Qing Qian

**Product Tested:** 4 pair, 23 AWG, U/UTP, CMX, Non-Plenum, Horizontal (solid) Cable.

**Model(s) or Brand Name:** 30022X

**Standard(s):** ANSI/TIA-568.2-D Category 6 with the applicable electrical transmission characteristics

**Authorized cable marking:** ETL Verified to ANSI/TIA-568.2-D Category 6

Continuing compliance to this specification is monitored through production testing, ongoing inspections by Intertek at the production facility and random sample testing.

**Date Issued:** May 31, 2020

**Approved By:** *Antoine Pelletier*  
Antoine Pelletier, Project Engineer

This verification supersedes all previous verifications with the noted Verification/Report number(s) dated before this verification notice.

**NOTE:** This verification is part of the full test report(s) and should be read in conjunction with it.

This Verification is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Verification. Only the Client is authorized to copy or distribute this Verification. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results referenced from this Verification are relevant only to the sample tested. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

intertek



3933 US Route 11  
Cortland, New York 13045 USA  
Phone Number: (800) 345-3851  
Fax Number: (607) 758-6637  
Web: www.intertek.com

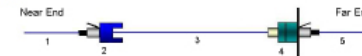
ETL Verified Certificate of Conformance Number: 3021245CRT-002

On the basis of the tests undertaken, the sample(s) of the below product have been found to comply with the essential requirements of the referenced specifications at the time the tests were carried out.

Rendered to:  
**Hosiwell Technology Co., Ltd.**  
No. 6, Soi onnuch 21/1  
Sukhumvit 77 Rd., Suan Luang  
Bangkok 10250, Thailand  
Contact: Mr. Xu Qing Qian

**Product Tested:**

2-Connector Channel



Component ID	Manufacturer	Part Number	Description
1, 5	Hosiwell	UTP 2404M-20-B	Equipment Cord
2	Hosiwell	MA-RJ45UA-X	Wall Outlet
3	Hosiwell	2404P CMR	Horizontal Cable
4	Hosiwell	PL5-W45A4	Patch Panel

**Standard(s)/Specification:** ANSI/TIA-568.2-D Category 6 with the applicable electrical transmission characteristics

**Product(s) Literature** ETL Verified 2-Connector Channel to ANSI/TIA-568.2-D Category 6, along with channel illustration, and parts numbers.

Continuing compliance to this specification is monitored through production testing, ongoing inspections by Intertek at the production facility and random sample testing.

**Date Issued:** April 02, 2002

**Date Revised:** October 22, 2018

**Approved By:** *Antoine Pelletier*  
Antoine Pelletier, Project Engineer

This verification supersedes all previous verifications with the noted Verification/Report number(s) dated before this verification notice.

**NOTE:** This verification is part of the full test report(s) and should be read in conjunction with it.

This Verification is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Verification. Only the Client is authorized to copy or distribute this Verification. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results referenced from this Verification are relevant only to the sample tested. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

Cat.6 UTP CMX Outdoor Horizontal Cable

Cat.6 Channel