

CERTIFICATES

intertek



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

Intertek

ETL Verified Certificate of Conformance Number: 104430597CRT-001a

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.

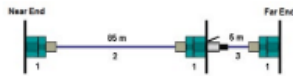
Rendered to:

ExTell Systems LLC
3901 , NW, 79th AVE
SUITE 245#1000
Miami, FL 33166 United States
www.extellsystems.com

Contact:

Product Tested:

3-Connector Permanent Link



Component ID	Manufacturer	Part Number	Description
1	ExTell Systems	E6BAUXXXX/E6AXXUXL-PM	Keystone Jack / Patch Panel
2	ExTell Systems	E6AUUVI3X-U	U/UTP Horizontal Cable, 85 m
3	ExTell Systems	E6AUUV4-UXXX	Equipment Cord, 5 m

Standard(s)/Specification: ANSI/TIA-568.2-D Category 6A and ISO/IEC 11801-1 Class EA with the applicable electrical transmission characteristics

Product(s) Literature May Include: ETL Verified 3-Connector Permanent Link to ANSI/TIA-568.2-D Category 6A and ISO/IEC 11801-1 Class EA, along with permanent link 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: September 21, 2020

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.

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ETL Verified Certificate of Conformance Number: 104430597CRT-001b

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.

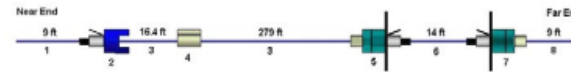
Rendered to:

ExTell Systems LLC
3901 , NW, 79th AVE
Suite 245#1000
Miami, FL 33166 United States
www.extellsystems.com

Contact: Mr. Graham Matthew

Product Tested:

4-Connector Channel



Component ID	Manufacturer	Part Number	Description
1, 8	ExTell Systems	E6XUVI4-UXXX	Equipment Cord
2	ExTell Systems	E6XUVXXXX	Wall Outlet
3	ExTell Systems	E6XUVI3X-U	Horizontal Cable
4	ExTell Systems	E6XXXUXL-PM	110 Block
5, 7	ExTell Systems	E6XXXUXU-PM	Patch Panel
6	ExTell Systems	E6XUVI4-UXXX	Equipment Cord

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

Product(s) Literature May Include: ETL Verified 4-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: September 21, 2020

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.

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Certificate of Conformity

NO.: EN201127001S

The following product has been tested by us with the listed standards and found in conformity with the council LVD directive 2014/35/EU. It is possible to use CE marking to demonstrate the conformity with this LVD Directive.

Applicant : EXTELL SYSTEMS

Address : 3901, NW 79th AVE SUITE 245, #1000Miami, FL 33166, United States

Manufacturer : EXTELL SYSTEMS

Address : 3901, NW 79th AVE SUITE 245, #1000Miami, FL 33166, United States

Trade Mark : N/A

EUT : rack and accessories

M/N : EWC12S06A3G, other models see test report "GENERAL PRODUCT INFORMATION"

Technical Data : 220-240V~, 50/60Hz, 0.08A, IPX0, Class I

Test Standards : EN 62368-1:2014+A11:2017

Version : Ver.1.0



Tony Wei
 (Manager)
 December 02, 2020



The certificate is based on a single evaluation of one sample of above-mentioned products, it does not imply an assessment of the whole production and does not permit the use of the test lab. logo.

EMTEK (Ningbo) Co., Ltd.
Add: 1F, Building 4, No.1177, Lingjun Road, Ningbo Hi-Tech Zone, Ningbo, Zhejiang, China. <http://www.emtek.com.cn> E-mail: rd@emtek.com.cn



Certificate of Conformity

NO.: EN201123005E

The following product has been tested by us with the listed standards and found in conformity with the council EMC directive 2014/30/EU. This is to certify that the specimen is in conformity with the assessment requirement mentioned follow:

Applicant : EXTELL SYSTEMS

Address : 3901, NW 79th AVE SUITE 245, #1000Miami, FL 33166, United States

Manufacturer : EXTELL SYSTEMS

Address : 3901, NW 79th AVE SUITE 245, #1000Miami, FL 33166, United States

Trade Mark : N/A

EUT : rack and accessories

M/N : See ATTACHMENT/ Model List

Test Standards : EN 55032:2015
EN 55035:2017
EN IEC 61000-3-2:2019
EN 61000-3-3:2013/A1:2019

Version : Ver.1.0



Tony Wei
 Tony wei/Manager
 November 27, 2020



The certificate is based on a single evaluation of one sample of above-mentioned products, it does not imply an assessment of the whole production and does not permit the use of the test lab. logo.

EMTEK (Ningbo) Co., Ltd.
Add: 1F, Building 4, No.1177, Lingjun Road, Ningbo Hi-Tech Zone, Ningbo, Zhejiang, China. <http://www.emtek.com.cn> E-mail: rd@emtek.com.cn





Cable ID: EXTELL CAT6 UTP 24AWG E6XUVI42-U

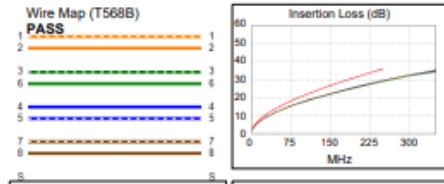
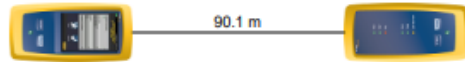
Test Summary: PASS

Date / Time: 02/26/2024 03:08:39 PM
Headroom 7.9 dB (NEXT 12-78)
Test Limit: TIA Cat 6 Channel
 Cable Type: Cat 6 U/UTP
 NVP: 69.6%

Operator: CHANDAN
 Software Version: V6.11 Build 2
 Limits Version: V7.9
 Calibration Date:
 Main (Module): 02/01/2024
 Remote (Module): 02/01/2024

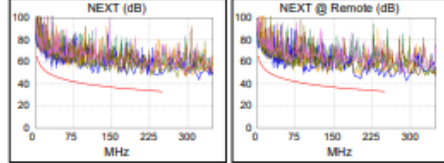
Model: DSX-5000
 Main S/N: 19310325
 Remote S/N: 19310323
 Main Adapter: DSX-CHA004
 Remote Adapter: DSX-CHA004

Length (m), Limit 100.0	[Pair 36]	90.1
Prop. Delay (ns), Limit 555	[Pair 45]	454
Delay Skew (ns), Limit 50	[Pair 45]	22
Resistance (ohms)	[Pair 45]	18.76
Insertion Loss Margin (dB)	[Pair 45]	6.2
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	35.9

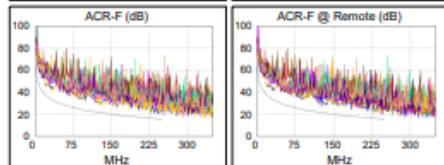


Worst Case Margin Worst Case Value

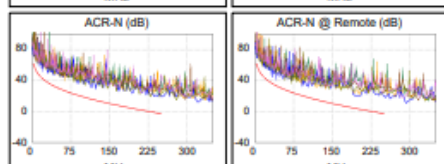
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
NEXT (dB)	7.9	8.2	13.8	10.1
Freq. (MHz)	32.3	32.5	239.5	203.0
Limit (dB)	48.2	48.1	33.4	34.7
Worst Pair	12	12	36	12
PS NEXT (dB)	9.5	9.4	13.8	12.1
Freq. (MHz)	3.1	2.9	228.5	203.5
Limit (dB)	62.0	62.0	30.8	31.7



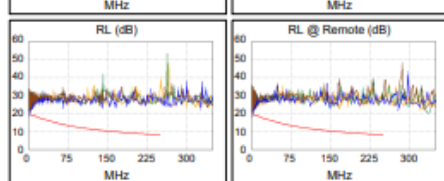
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	78-12	12-78	78-12
ACR-F (dB)	5.6	5.7	5.7	5.7
Freq. (MHz)	240.0	240.5	240.5	240.5
Limit (dB)	15.7	15.6	15.6	15.6
Worst Pair	78	12	78	12
PS ACR-F (dB)	6.8	7.5	6.8	7.5
Freq. (MHz)	240.5	241.0	240.5	241.0
Limit (dB)	12.6	12.6	12.6	12.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	12-78	12-78
ACR-N (dB)	9.5	9.2	20.0	20.1
Freq. (MHz)	32.3	3.9	239.5	249.5
Limit (dB)	36.6	59.3	-1.6	-2.8
Worst Pair	12	12	78	12
PS ACR-N (dB)	10.1	9.9	21.9	21.3
Freq. (MHz)	3.3	2.9	247.5	249.5
Limit (dB)	58.4	58.6	-5.5	-5.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	12	45	12
RL (dB)	4.1	3.7	4.1	12.9
Freq. (MHz)	3.8	3.8	3.8	166.0
Limit (dB)	19.0	19.0	19.0	9.8



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T 2.5GBASE-T 5GBASE-T
 ATM-25 ATM-51 ATM-155
 100VG-AnyLan TR-4 TR-16 Active
 TR-16 Passive