



試験機の定義

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規格で決められた周波数までカバーする一定間隔の周波数を、測定したいLAN配線に流し、規定されている項目を測定する。

測定値はテスト内部の規格値と比較され、自動的に合否判定がなされる。



ワイヤーエキスパートの特徴

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【目的】ケーブル認証試験をサポート

【規格】・ANSI/TIA- 568-C2に基づく,Cat5e,6,6A, Cat8
ISO/IEC 11801-2010に基づくClass D,E,EA,FA
・EN50173
・JIS X5150-2016
・パッチコードANSI/TIA- 568-C2,Cat5e,6,6A,Cat8
ISO/IEC 11801-2010,

【試験パラメータ】TIA1152、IEC61935の規定通り(ワイヤマップ含む)

【測定確度】TIA レベルⅢe、Ⅳ、Ⅴに準拠(ETL認定済)

※測定確度:製造者業者が明示した誤差の限界値

【性能】試験時間はCat6Aで**14**秒以内

【機能】リモートユニットで試験開始・データ保存と閲覧可

ローカル・リモートユニットで断線位置の距離をそれぞれ表示

ANSI: 米国規格協会 IEC11801: ネットワークケーブルの規格



測定器に求められる条件(測定確度) Cat.5e/6/6A 認証試験

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ISO/IEC 61935-1より抜粋: レベルⅢe以上の測定器が必要

5 Field test measurement requirements for electrical properties

5.1 Introduction

This clause applies to field test specifications for post-installation performance measurements of installed cabling designed in accordance with ISO/IEC 11801 (or equivalent).

The information contained in this clause uses the links defined in ISO/IEC 11801 (or equivalent), and specifies parameters for field testers, test methods and interpretations of test results, leading to a practical solution to the issues related to field testing. Classes of twisted pair cabling links referred to herein correspond with those described in ISO/IEC 11801 (or equivalent).

Field test equipment is classified by performance level.

Currently Levels I, II, IIE, III, IIIe and IV are used in the industry.

This clause specifies requirements for field test equipment used to certify class D, E, EA, F and FA cabling as defined in ISO/IEC 11801.

- Level IIE test equipment or better is required to test class D cabling;
- Level III test equipment or better is required to test class E cabling;
- Level IIIe test equipment or better is required to test class EA cabling;
- Level IV test equipment or better is required to test class F and FA cabling.


This clause specifies in detail



測定確度の認定

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ワイヤーエキスパート WX-500は第三者機関であるIntertek ETLより Level IIIeの測定確度を持っている事を認定されています。

3933 US Route 11
Cortland, New York 13045 USA
Phone Number: (800) 345-3851
Fax Number: (807) 758-6637
Web: www.intertek.com

ETL Verified Certificate of Conformance Number: 100657061CRT-001d

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.

Psiber Data Pte Ltd.
3 Science Park Drive
#03-09 The Franklin
Singapore

Verification/Report Number: 100657061CRT-001b
Product Tested: Field Tester
Model(s) and or Brand Name: WireXpert
Standard(s)/Specification: ANSI/TIA-1152 Level IIIe and IEC 61935-1 Levels IIIe and IV with the applicable measurement accuracy
Product package marking shall include: ETL Verified to ANSI/TIA-1152 Level IIIe and IEC 61935-1 Levels IIIe and IV and the product model(s) and or brand name.

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

Date Verified: 5/16/2012

Approved By: 
Antoine Pelletier, 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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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.

Psiber Data Pte Ltd.
3 Science Park Drive
#03-09 The Franklin
Singapore
Contact Mr. Harshang Pandya

Verification/Report Number: 100657061CRT-001b
Product Tested: Field Tester
Model(s) and or Brand Name: WireXpert (Software 5.1 needed for Level V)
Standard(s)/Specification: ANSI/TIA-1152 Level IIIe, IEC 61935-1 Levels IIIe & IV and currently proposed Level V draft with the applicable measurement accuracy
Product package marking shall include: ETL Verified to ANSI/TIA-1152 Level IIIe, IEC 61935-1 Levels IIIe & IV and currently proposed Level V draft and the product model(s) and or brand name.

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

Date Verified: 5/16/2012 Date Revised: 6/25/2013

Approved By: 
Antoine Pelletier, 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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ソフティング社のご紹介

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Softing AG



本社 ドイツ
設立 1979年
従業員 430名(2017年)
事業: ①車載関連エレクトロニクス
②産業オートメーション
③ITネットワークス

Softing Singapore

ケーブル認証



ワイヤーエキスパート

ネットワーク分析



LANエキスパート ピンガーシリーズ

トラブルシューティング



LANマスタ ケーブルマスタ

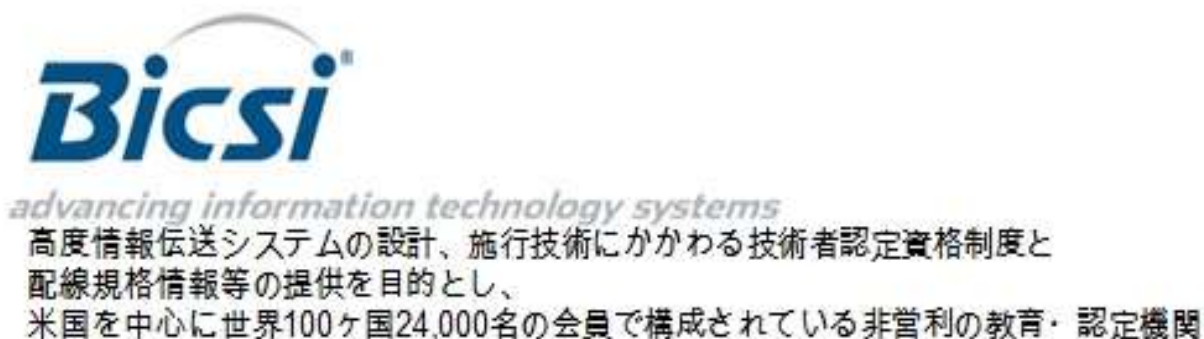
Softing社のITネットワークツール部門 主幹
本社 シンガポール
製造 マレーシア
事業: ケーブル認証測定器の開発・輸出・販売
拠点: (販売)シンガポール、中、米、独 他
(代理店)世界30か国に展開



ソフトウェア社のご紹介

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主要な産業規格・協会に参加、貢献





測定器認定会社様 一覧

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TSUKO Network Communication
通信興業株式会社



©JEITA (電子情報技術産業協会)でも、テストによる検証が実施、性能にお墨付き



(写真上) 認定書類の一部



原田産業株式会社

業態:
貿易商社

設立:
1923年(大正12年)3月4日

資本金:
3億円

年商:
138億円(2015年度)

従業員数:
194名

事業内容:
半導体、液晶、情報通信、医療、介護、造船、建築、環境、
食品、コンシューマープロダクト等の業界向け機器・資材
の輸出入及び国内販売

