Information Network Cabling 02

信息网络布线02

Measurement Guidelines 2024

2024  年测量指南

For DSX 5000/8000



**1.** Select & Touch[TOOLS].选择&按[工具]键。



**2.** Set each parameter as below:设置各个参数如下：

Table 1 Parameters for Pre-setting.表1 预设参数

|  |  |
| --- | --- |
| Language语言 | Your choice (own language) 自选（母语） |
| Date日期 | Competition day (ex. 2024/09/14)完成日期 |
| Length长度 | m米 |
| Operator操作者 | Your country code (ex. JP)国家代码（如.JP） |

|  |
| --- |
|  |
|  |
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|  |

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The measurement method for optical links must comply with ISO/IEC 14763-3. Refer to

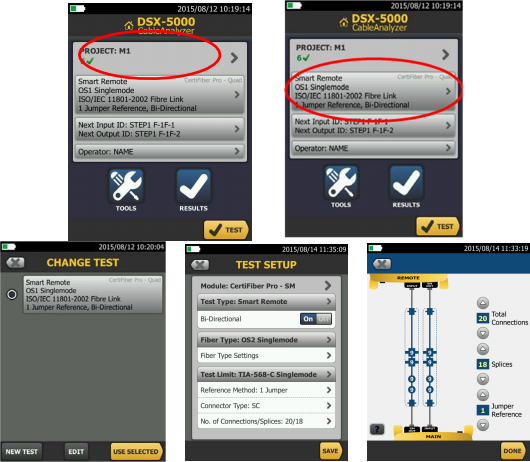
Table 2 for measurement parameters.光链路的测量方法需符合ISO/IEC  14763-3标准，测量参数请参见表2。

Table 2 Parameters for OLTS.表2 OLTS参数

|  |  |
| --- | --- |
| Project项目 | Module No. (M1,M2,M4,M5) |
| Module模块 | CertiFiber Pro – Quad OLTS |
| Test type测试类型 | Smart Remote Bi-directional[ON] |
| Fiber type光纤类型 | OS1/OS2 Single mode※ |
| Test Limit测试极值 | ISO/IEC 11801-2002 Fibre Link |
| Reference Method参考方法 | 1 Jumper/2 Jumper/3 Jumper※ |
| Connector Type耦合器类型 | SC/LC※ |
| No. of connections/Splices  连接数量/熔接数量 | ※ |

※Depends on the TP根据试题

1. Select [New TEST]选择[新测试]
2. Set parameters.设置参数



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The measurement method for optical links must comply with ISO/IEC 14763-3. Refer to

Table 3 for measurement parameters.光链路的测量方法需符合ISO/IEC  14763-3标准，测量参数请参见表3。

Table 3 Parameters for OTDR.表3 OTDR参数

|  |  |
| --- | --- |
| Project项目 | Module No. (M1,M2,M4,M5) |
| Module模块 | OptiFiber Pro – Quad OTDR |
| Test type测试类型 | Auto OTDR |
| Launch Compensation发射补偿 | On |
| Wavelength波长 | 1310nm/1550nm |
| Fiber type光纤类型 | OS1/OS2 Single mode※ |
| Test limit测试极值 | General Fiber |





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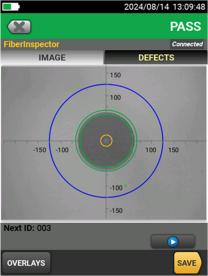


The measurement method for optical links must comply with ISO/IEC 14763-3. Refer to

Table 4 for measurement parameters.光链路的测量方法需符合ISO/IEC  14763-3标准，测量参数请参见表4。

Table 4 Parameters for Fiber Inspector.表4 光线检测仪参数

|  |  |
| --- | --- |
| Project项目 | Module No. (M1,M2,M4,M5) |
| Module模块 | Fiber inspector Pro |
| Test Type测试类型 | Fiber inspector |
| Test Limit测试极值 | IEC 61300-3-35 ED.2 SM RL>=26dB |



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Refer to Table 5 for measurement parameters.测量参数请参考表5.

Table 5 Parameters for xTP.表5 铜缆参数

|  |  |
| --- | --- |
| Project项目 | Module No. (M1,M2,M4,M5) |
| Module模块 | DSX-5000/8000 Cable Analyzer |
| Cable type线缆类型 | ※1 |
| Test limit测试极值 | ※1 |
| Store Plot Data存储绘图数据 | On |
| HDTDR/HDTDX | Fail/Pass only ※2 |
| Outlet configuration输出配置 | T568A/T568B |
| AC Wire MapAC线缆图 | Off |

※1 Select the correct one based on the TP  请根据TP选择正确的型号

※2 M5 may use this function.M5可以使用此功能

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**1.** Create a folder to store the files. The name of the folder should be the Module

name.创建一个文件夹来存储文件。文件夹的名称应该是 模块名。

(Ex. M1).

2. The file name must be as follows:文件名必须如下

(Panel/Box name) – (Port. No.)配线架/信息盒名称-端口号

Ex. CDOPA-5 (CD-OP-A, port 5)

1. Save the file in the target folder. (Ex. If module 2: save in M2 folder.)

保存文件到目标文件夹（例如，如果模块2：保存到M2文件夹）

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