

Instruktion: konfigurera Fluke DSX för
dämpningsmätning singelmod
samt referensmätning

Förkunskaper som krävs:

Steg 1 Konfigurera Fluke DSX för koppptest.

Steg 2. Vikten av rena kontakter.

Steg 3. Inspektion före mätning i praktiken.

Starta alltid ett nytt
projekt för en ny
kund!

Tag reda på

Vem mäter?

Vad heter projektet?

Vilken typ av kabel?

Typ av referensmätning?

Vilken standard?

Önskade kabel-ID?

Bi-Directional?

Övningsexempel

Vem mäter?
Carl Berglund

Vad heter projektet?
Alcadon demonstrationsprojekt

Vilken typ av kabel?
OS2 Singlemode

Typ av
referensmätning?
One Jumper

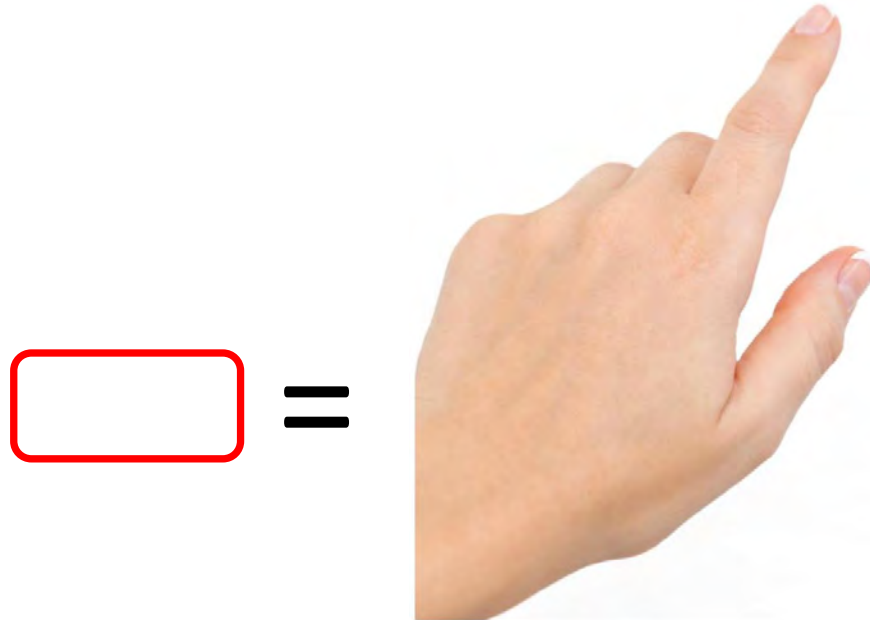
Vilken standard?
EN 50173 Fiber Optic Link

Bi-Directional

Önskade kabel-ID?
01 01 till 01 48

Byt till fibermoduler







CertiFiber Pro Quad

Alcadon demonstrationsprojekt.

0 ✓

0% Tested



EN50173 PL2 Class Ea
Cat 6A F/UTP
T568B

DSX-5000



Next ID:
001 001



Operator: Carl Berglund



TOOLS



RESULTS

SET REF



TEST



PROJECT

Alcadon demonstrationsprojekt.

Operator: Carl Berglund

Results 2015-10-08 - 2015-10-08

0 ✓

NEW TEST

Test Setup

EN50173 PL2 Class Ea
Cat 6A F/UTP
T568B

DSX-5000



Cable ID Sets

NEW ID SET

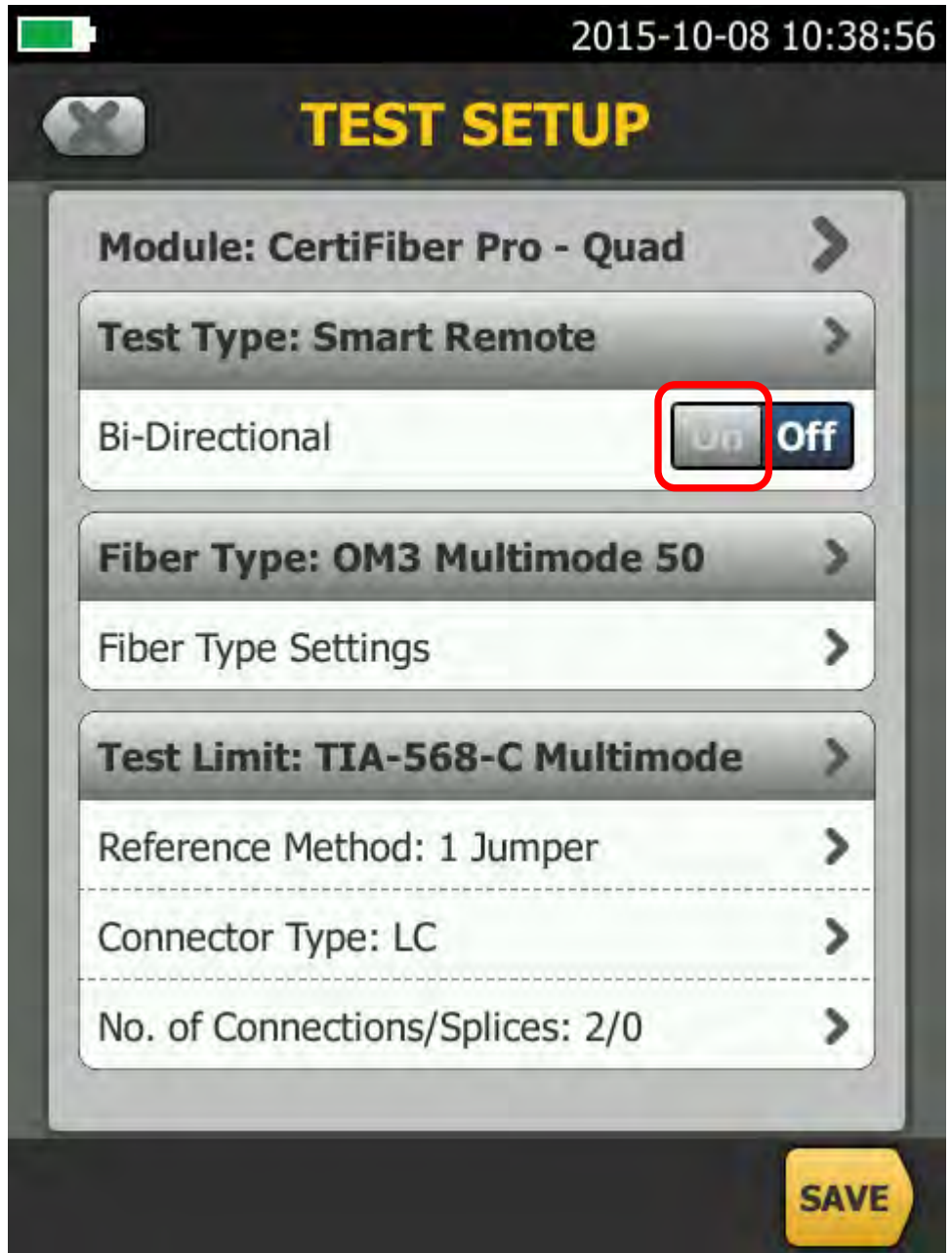
First ID: 01 02
Last ID: 05 24

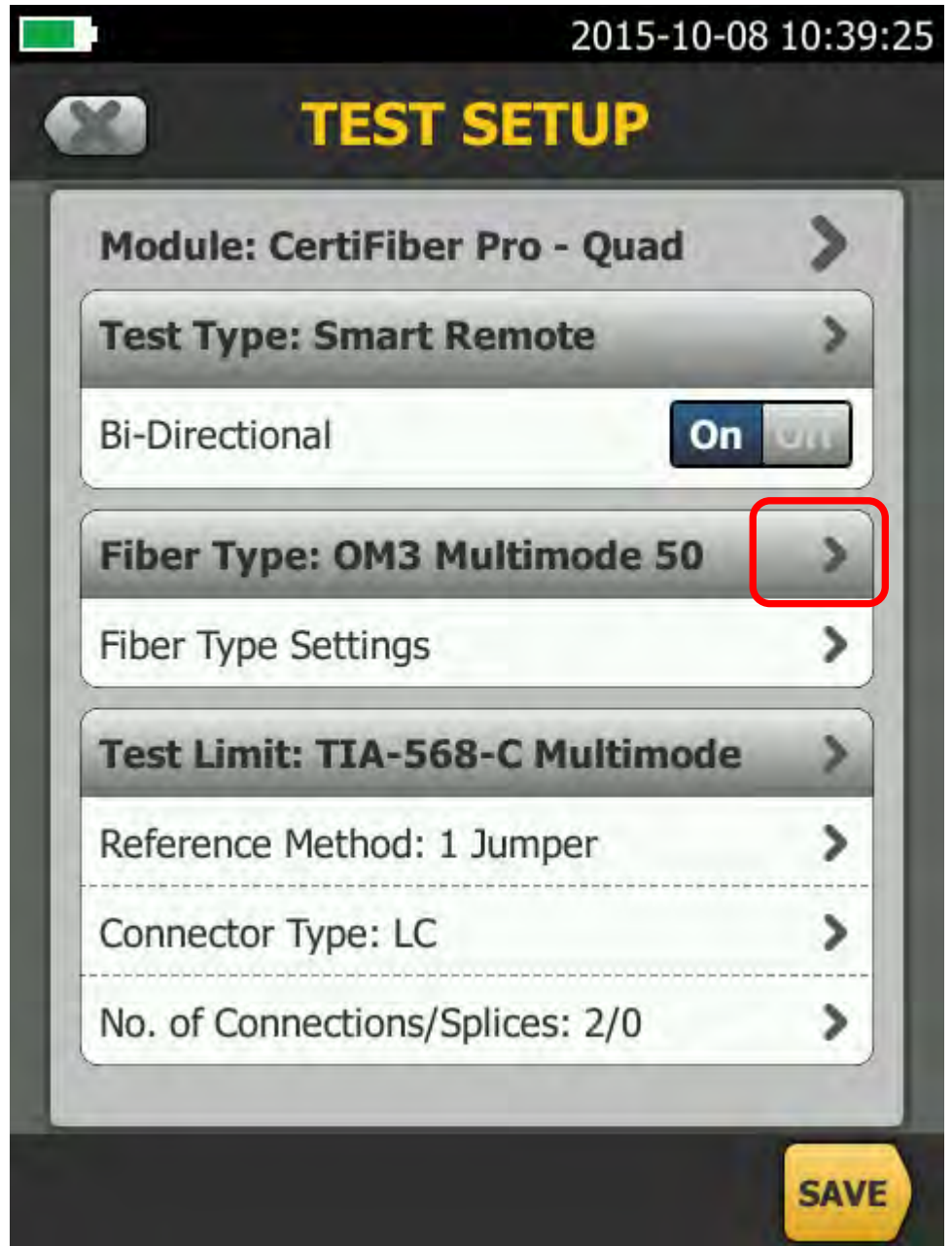


CHANGE PROJECT

TRANSFER

MANAGE







2015-10-08 10:41:21



FIBER TYPE

Last Used

OS2 Singlemode

OM3 Multimode 50

OM4 Multimode 50

MORE



FIBER TYPE

Fiber Groups

Last Used

Custom

Generic

Manufacturers



FIBER TYPE

Generic

OM1 Multimode 62.5

OM2 Multimode 50

OM3 Multimode 50

OM4 Multimode 50

OS1 Singlemode

OS2 Singlemode

Multimode 50, MBW=400

Multimode 62.5, MBW=160





TEST LIMIT

Last Used

EN50173 Fiber Optic Link

ISO/IEC 14763-3

ISO/IEC 14763-3:2014

TIA-568-C Singlemode ISP

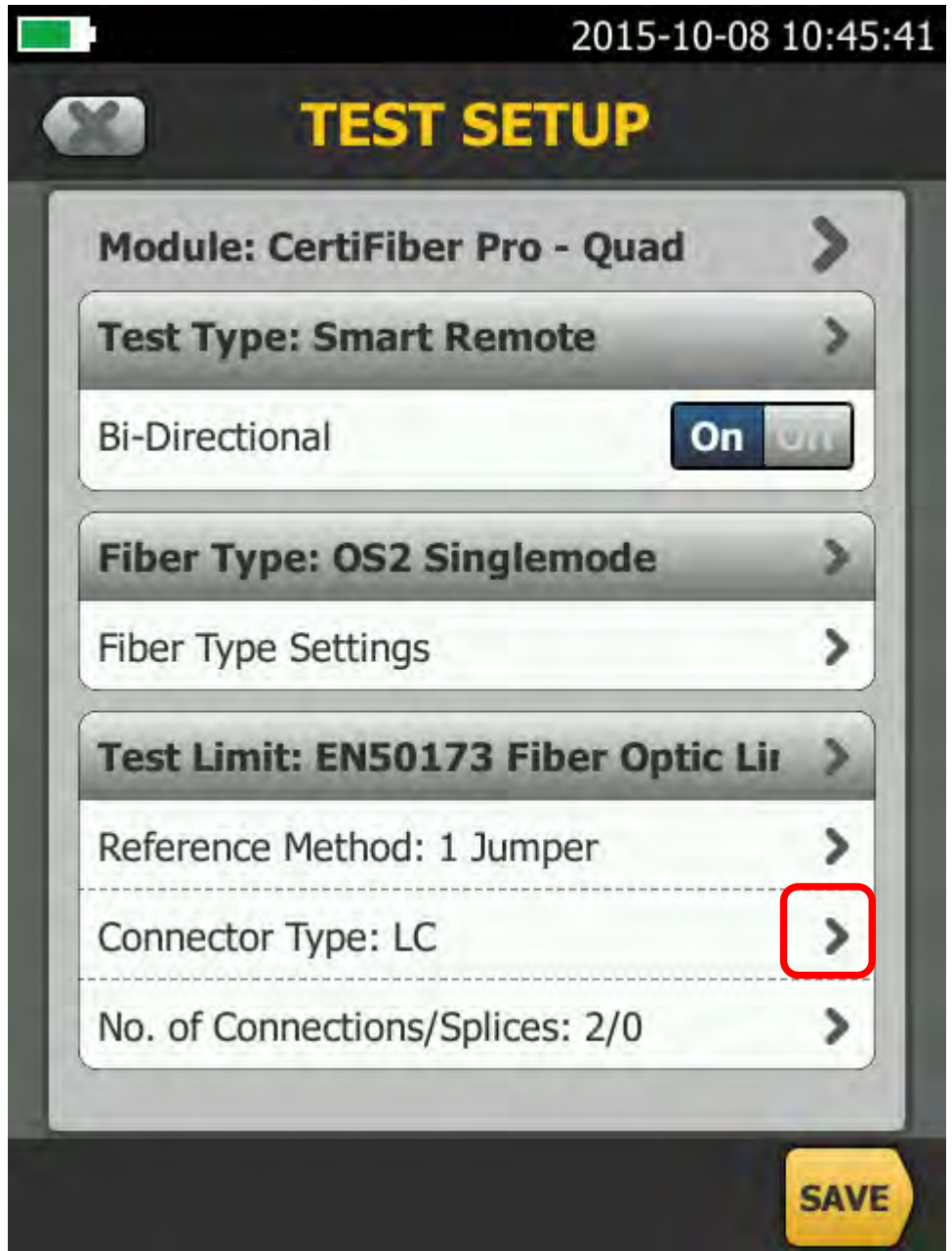
TIA-568-C Singlemode OSP

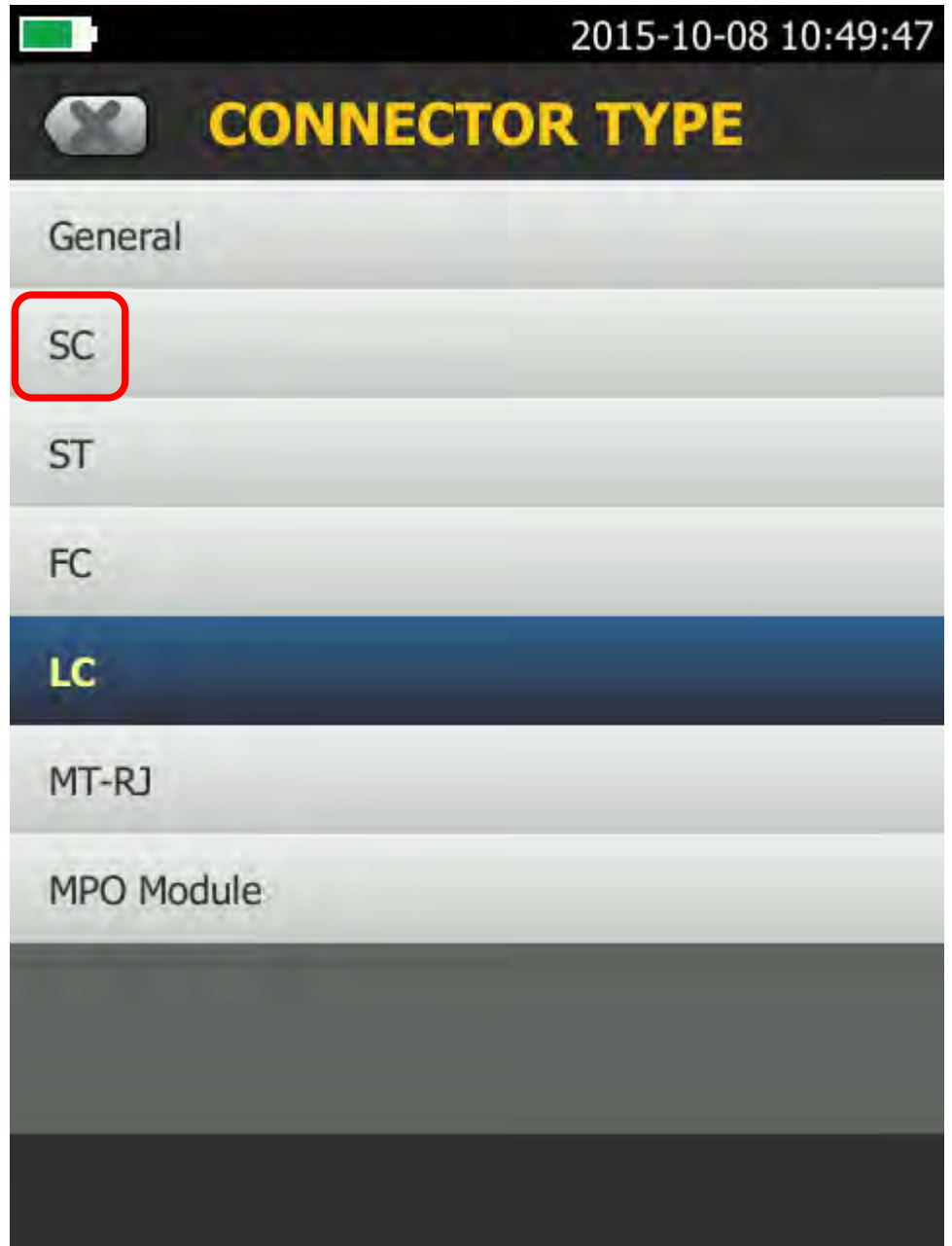
General Fiber Optic

10GBASE-L

40GBASE-FR

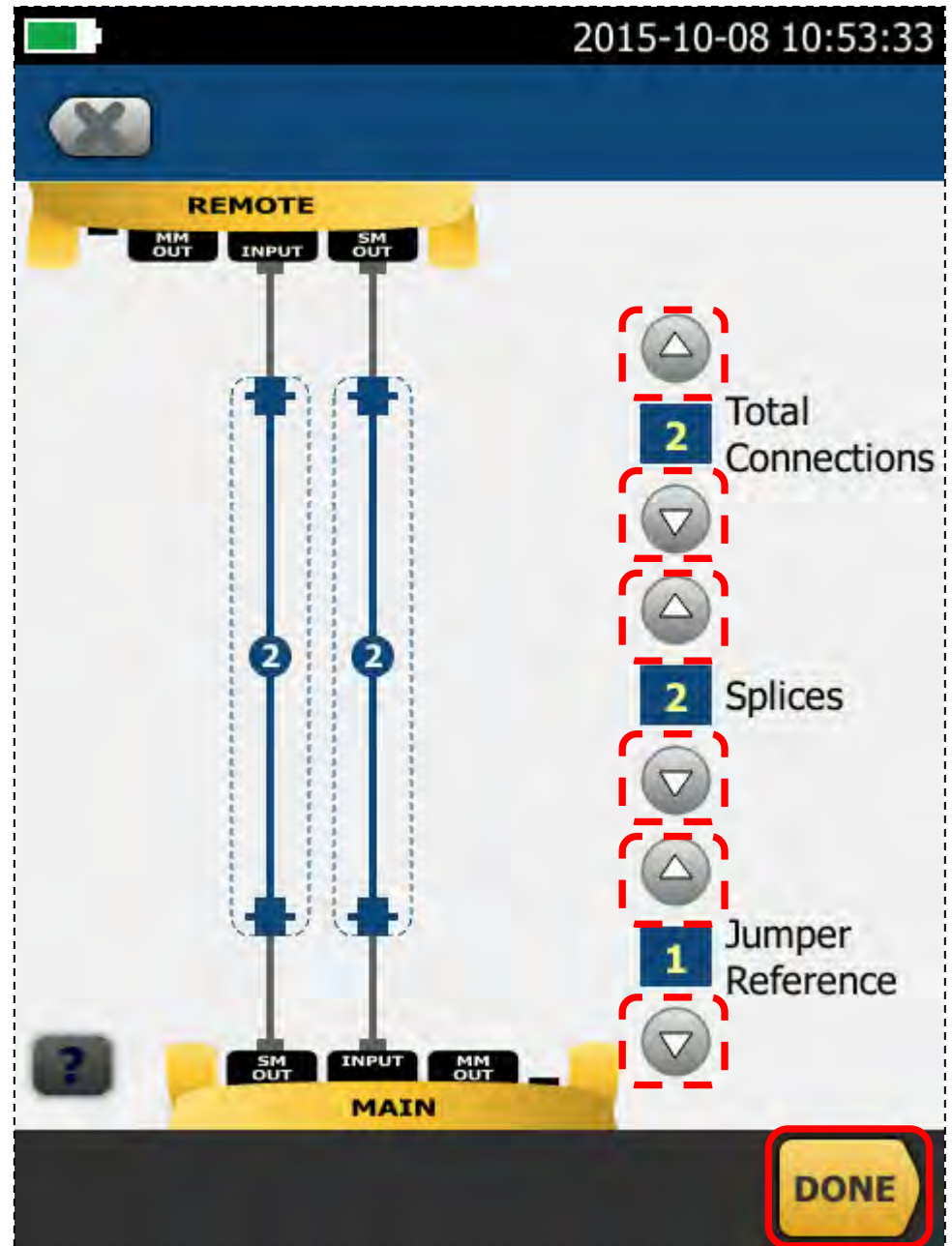
MORE



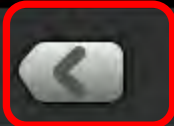




Splices: oftast svetskarvar.







PROJECT

Alcadon demonstrationsprojekt.

Operator: Carl Berglund >

Results 2015-10-08 - 2015-10-08

0 ✓ >

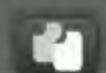
Test Setup

NEW TEST

Smart Remote CertiFiber Pro - Quad
OS2 Singlemode >
EN50173 Fiber Optic Link
1 Jumper Reference, Bi-Directional



EN50173 PL2 Class Ea DSX-5000
Cat 6A F/UTP >
T568B



CHANGE PROJECT

TRANSFER

MANAGE






CHANGE TEST



Smart Remote CertiFiber Pro - Quad
 OS2 Singlemode
EN50173 Fiber Optic Link
1 Jumper Reference, Bi-Directional



EN50173 PL2 Class Ea DSX-5000
Cat 6A F/UTP
T568B



NEW TEST

EDIT

USE SELECTED



CHANGE TEST

- Smart Remote CertiFiber Pro - Quad
OS2 Singlemode
EN50173 Fiber Optic Link
1 Jumper Reference, Bi-Directional
- EN50173 PL2 Class Ea DSX-5000
Cat 6A F/UTP
T568B


NEW TEST **EDIT** **USE SELECTED**



CertiFiber Pro Quad

Alcadon demonstrationsprojekt.

0 ✓

0% Tested



Smart Remote CertiFiber Pro - Quad
OS2 Singlemode
EN50173 Fiber Optic Link
1 Jumper Reference, Bi-Directional



Next Input ID: 001 001
Next Output ID: 001 002



Operator: Carl Berglund



TOOLS



RESULTS

SET REF

 **TEST**

**Dags att kontrollera
kontaktera**

IRIM

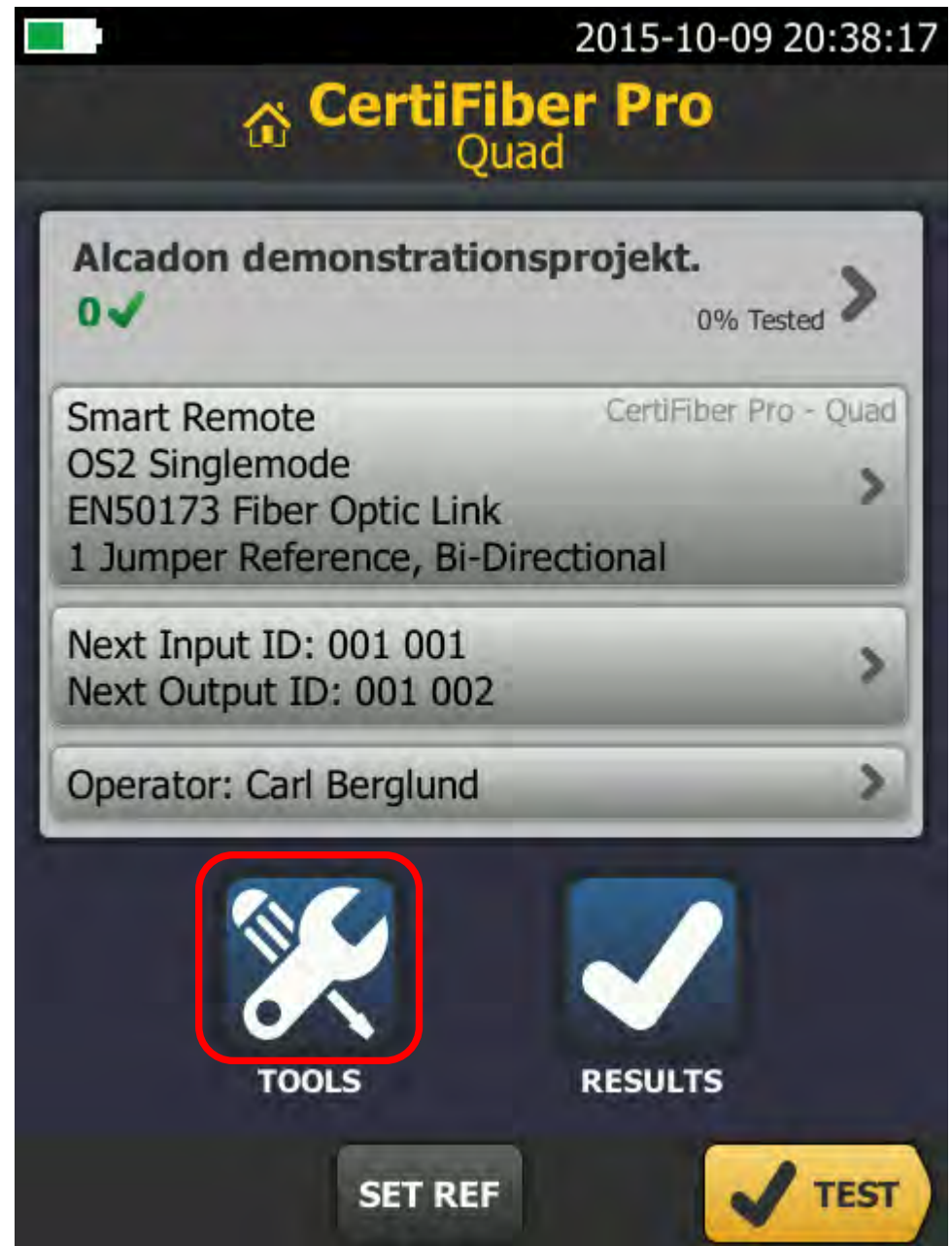
Inspektion

Rengöring

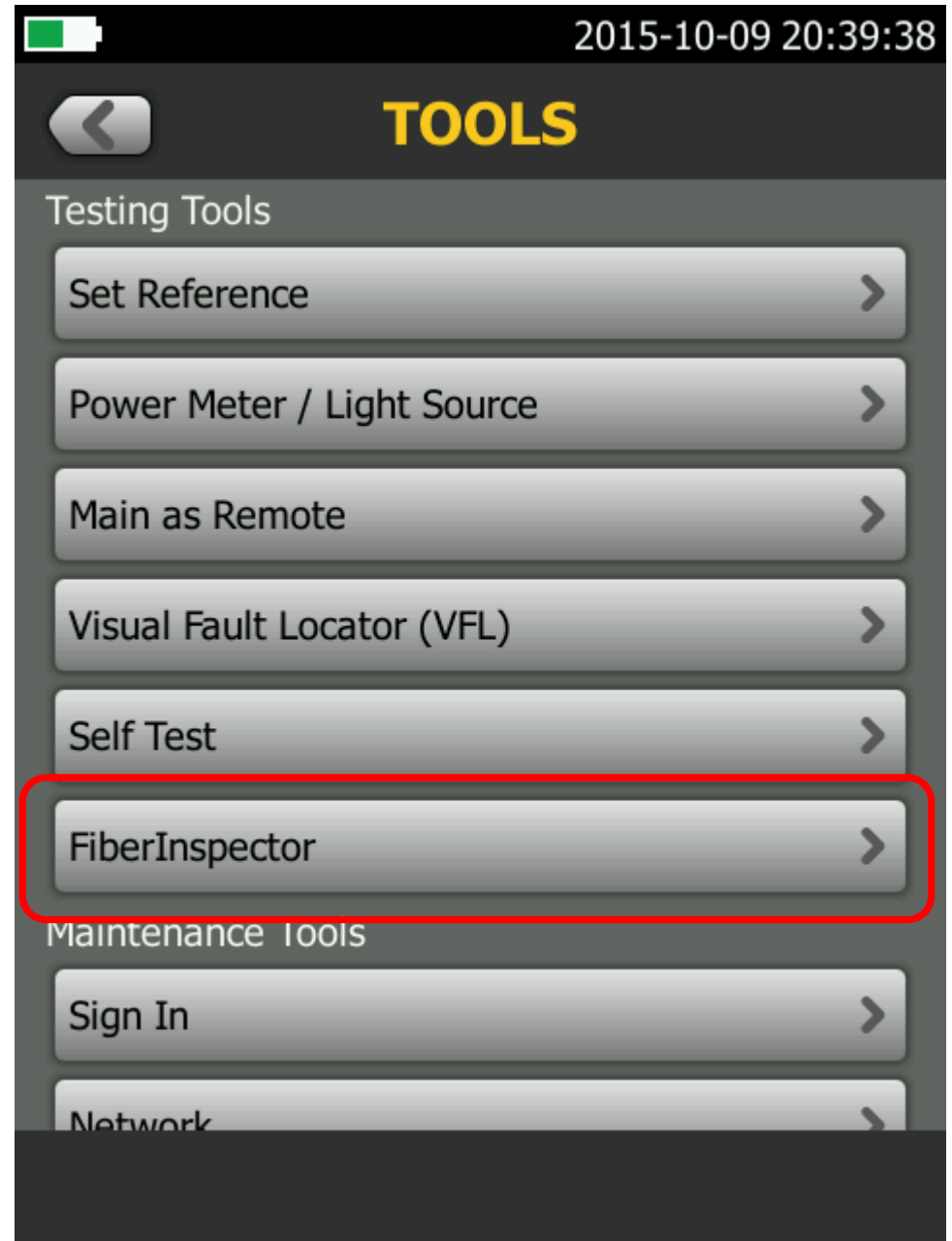
Inspektion

Mätning

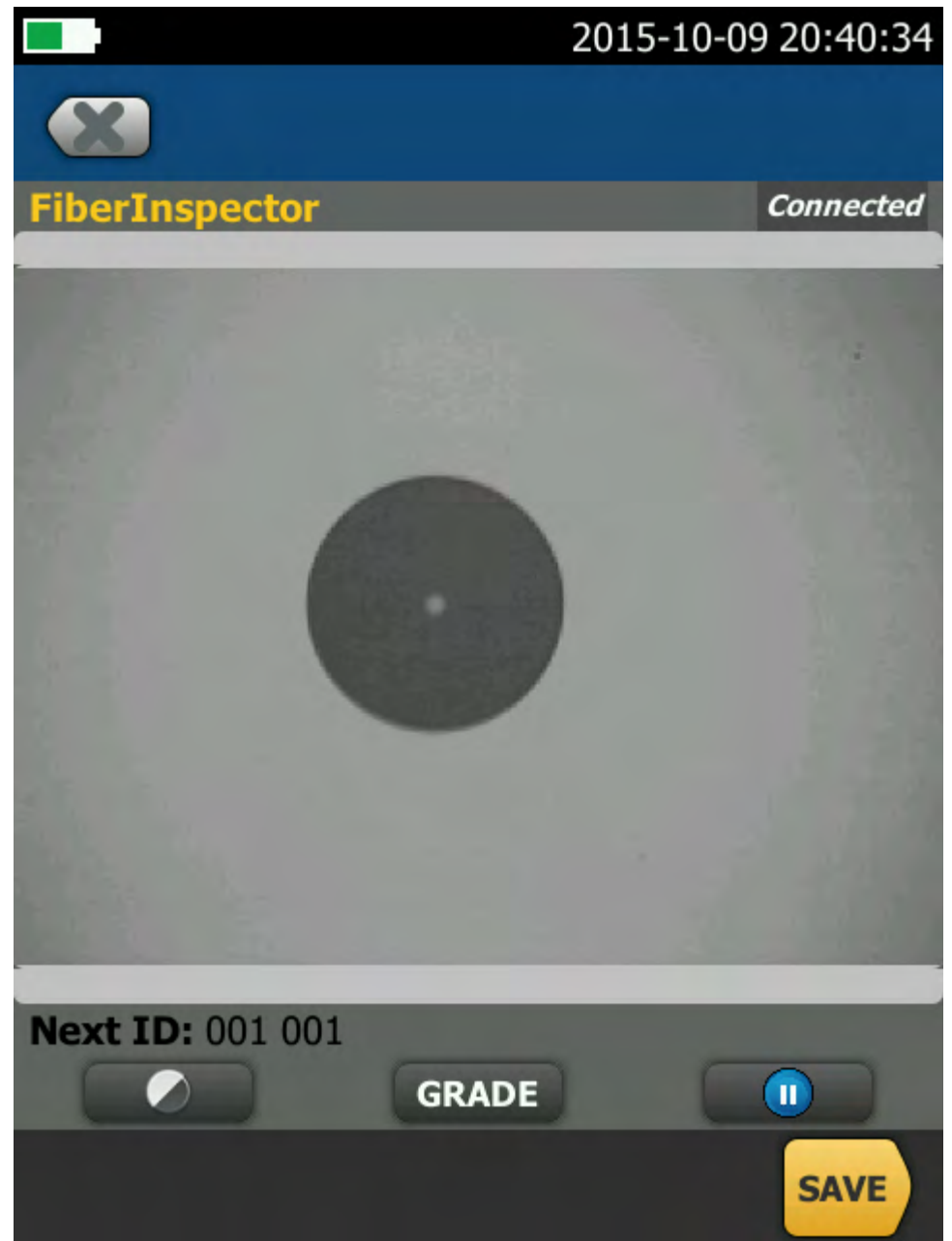
Aktivera FiberInspector



Aktivera FiberInspector



Aktivera Fiberinspector



**Inspektera först ut-
portarna i instrumenten**



Montera skarvstycken på kablarna

2 duplexkablar

4 skarvstycken



IRIM

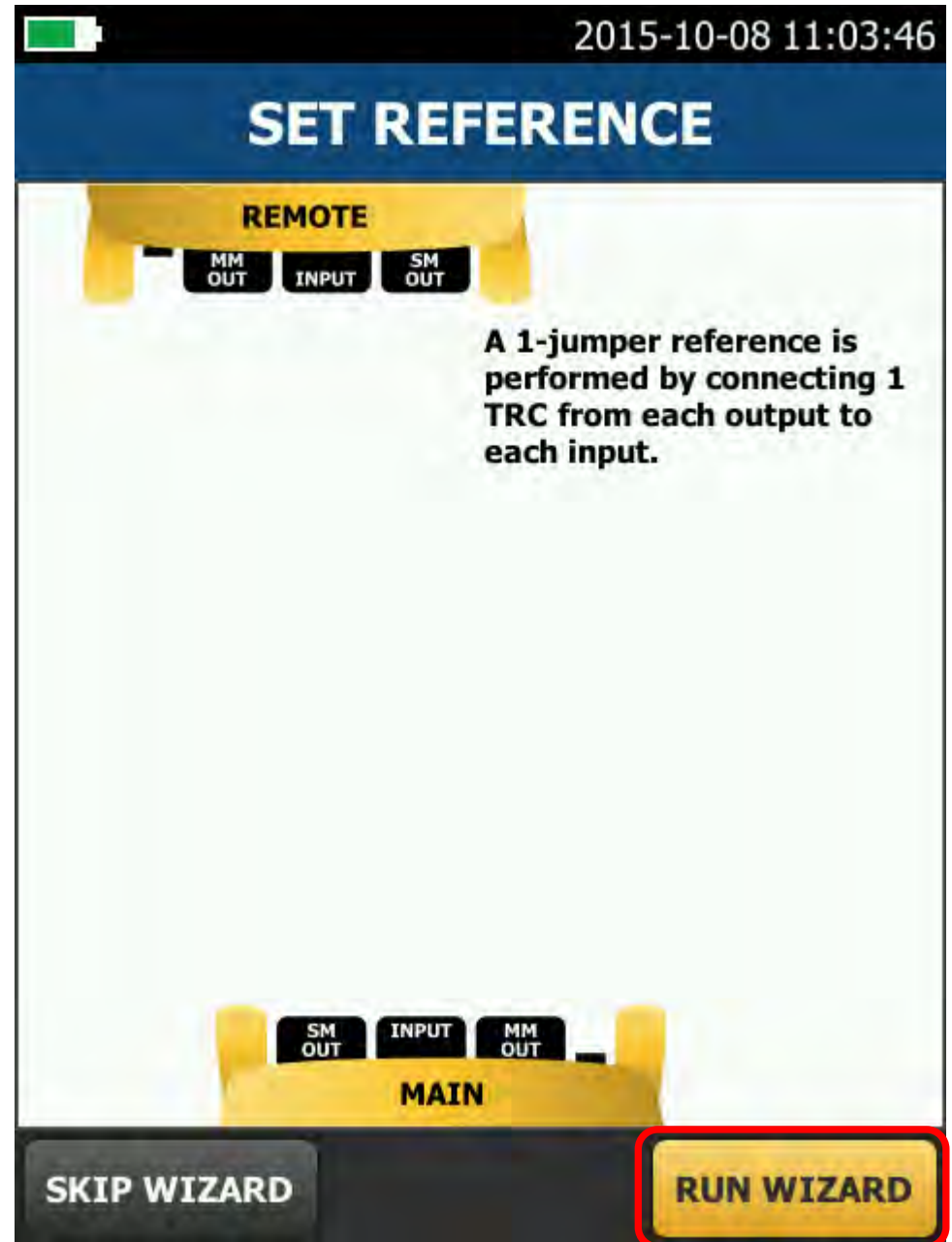
Säkerställ att alla kontakter är rena



Dags att sätta
referensvärde

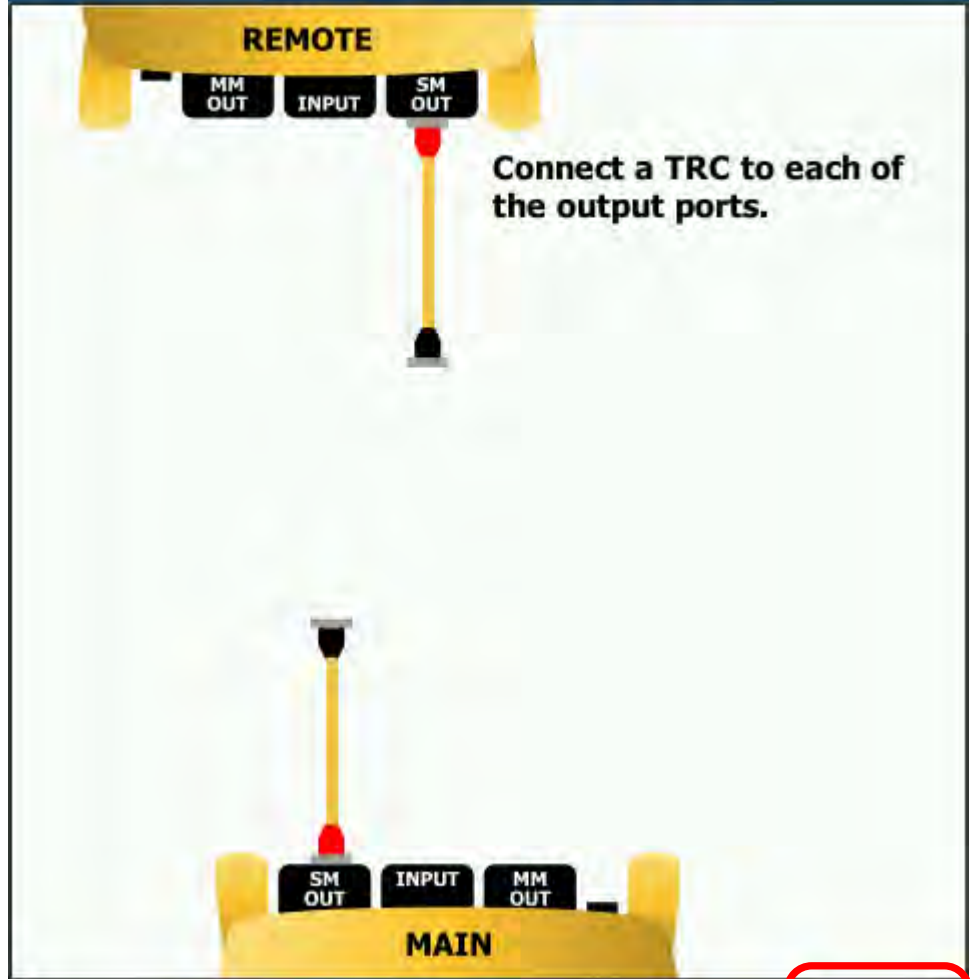


Dags att sätta referensvärde





SET REFERENCE



Connect a TRC to each of the output ports.

BACK

NEXT

SET REFERENCE

REMOTE

MM OUT INPUT SM OUT

Connect the other end of the TRCs to each of the input ports. There is now 1 jumper from each output to each input.

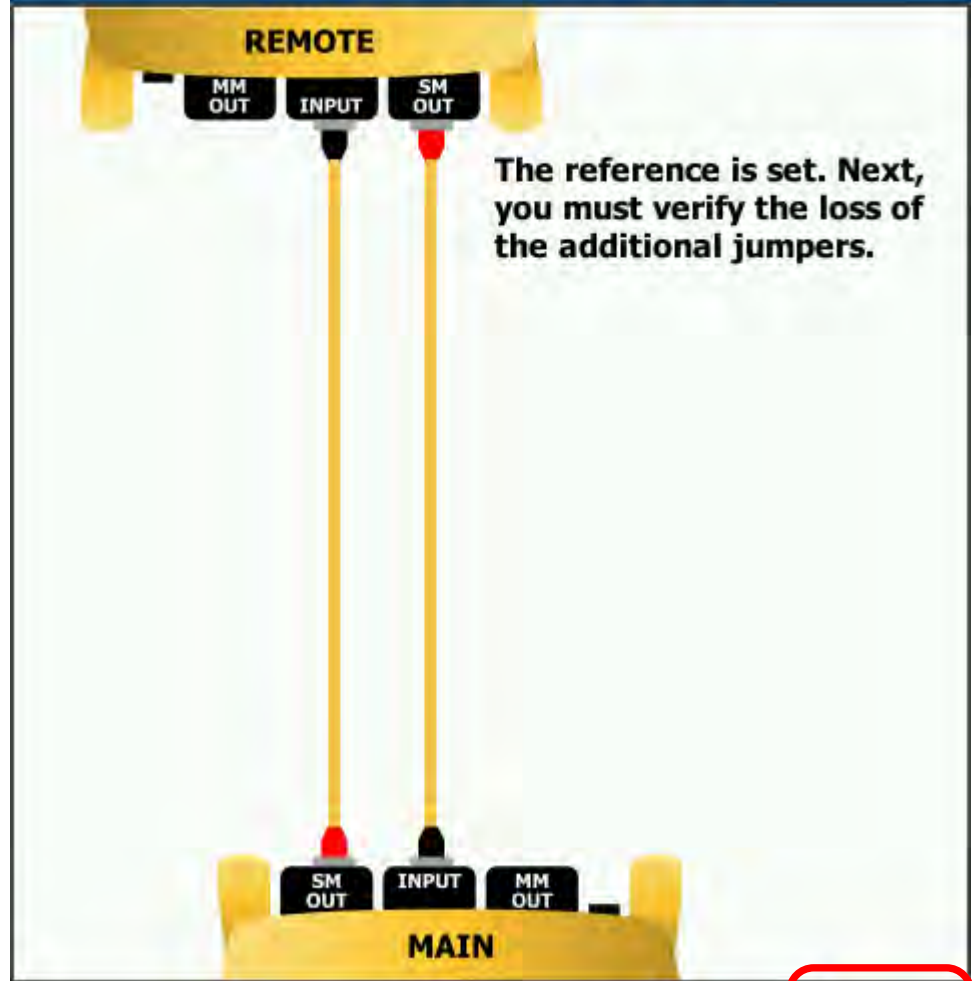
MAIN

SM OUT INPUT MM OUT

BACK TRC LENGTH SET REFERENCE



SET REFERENCE

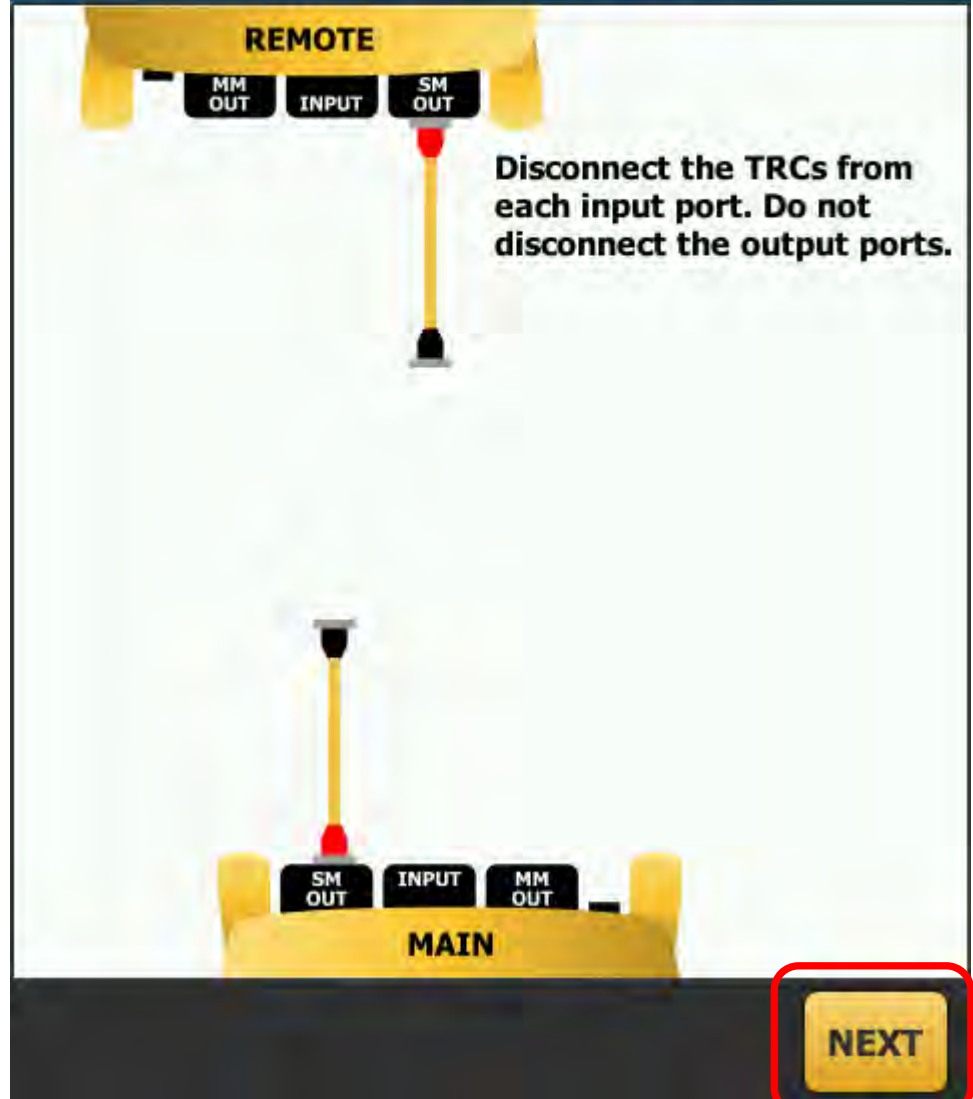


VIEW REFERENCE

NEXT

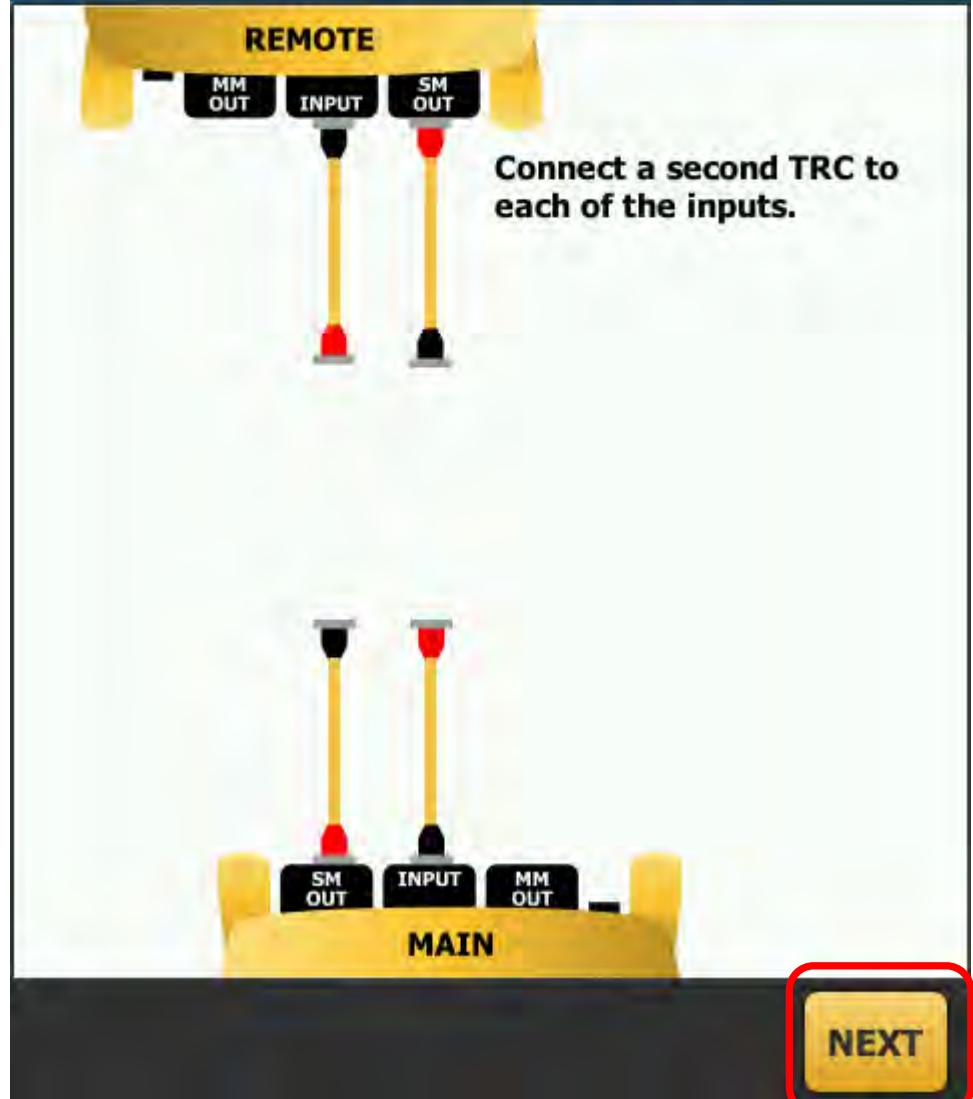


SET REFERENCE



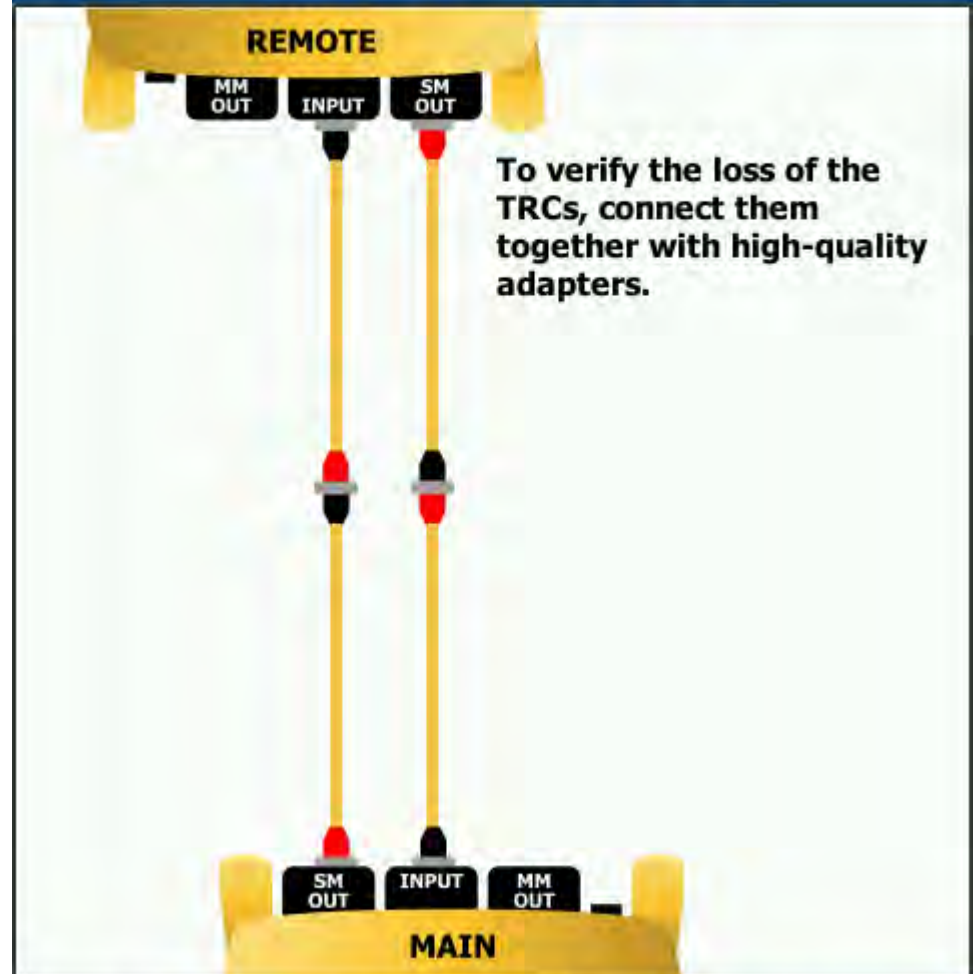


SET REFERENCE





SET REFERENCE

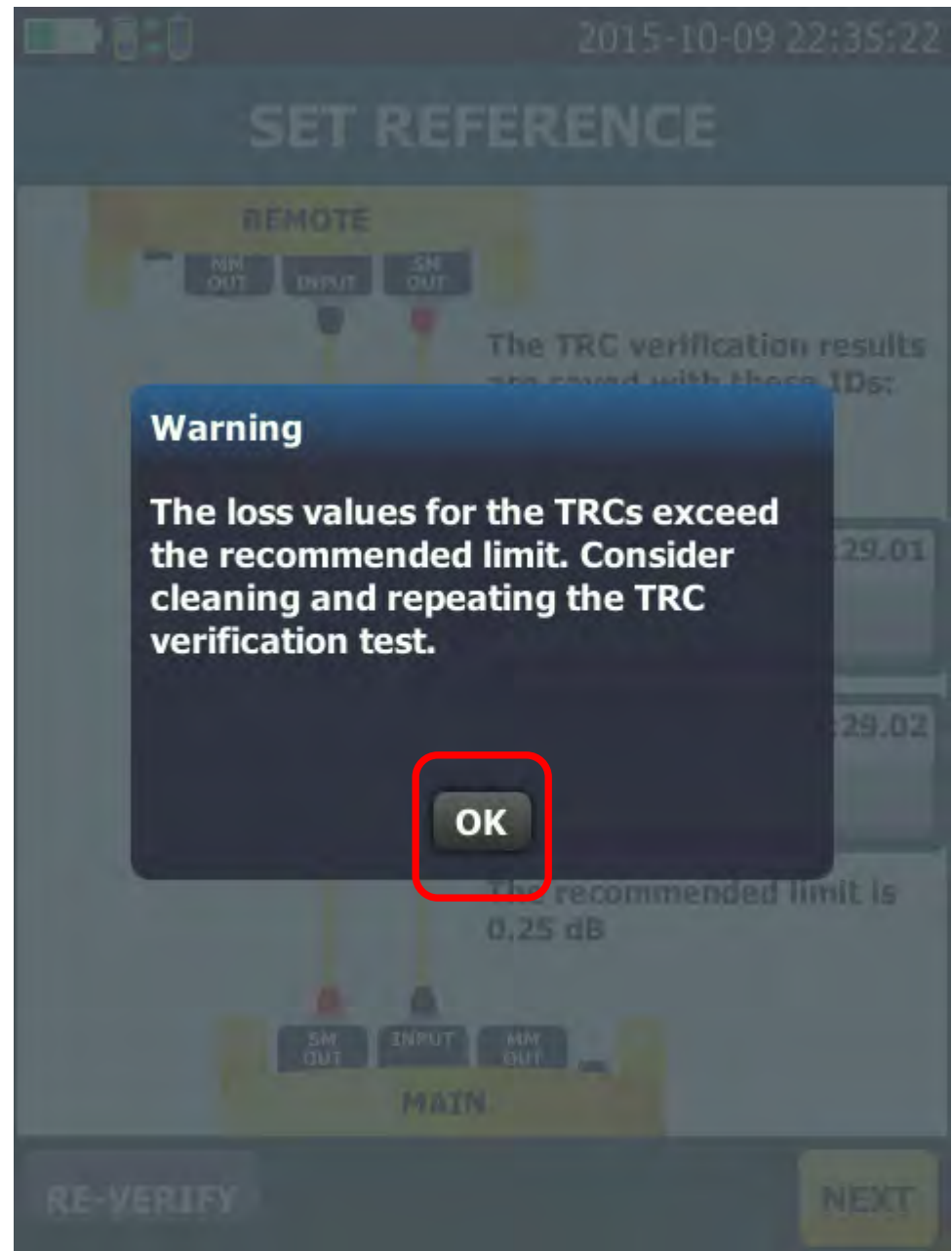


BACK

TRC VERIFICATION

Ojdå!

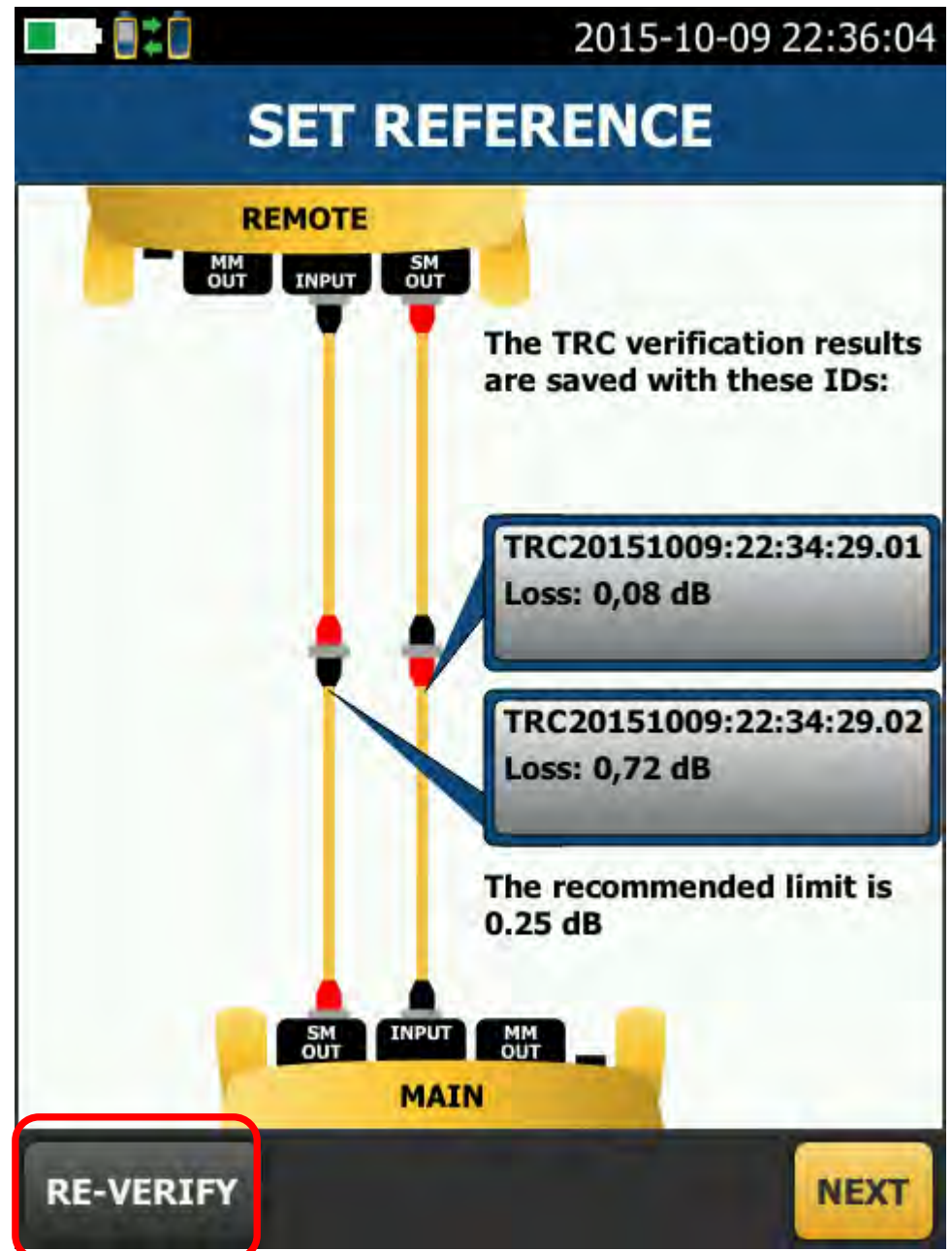
Börja om...



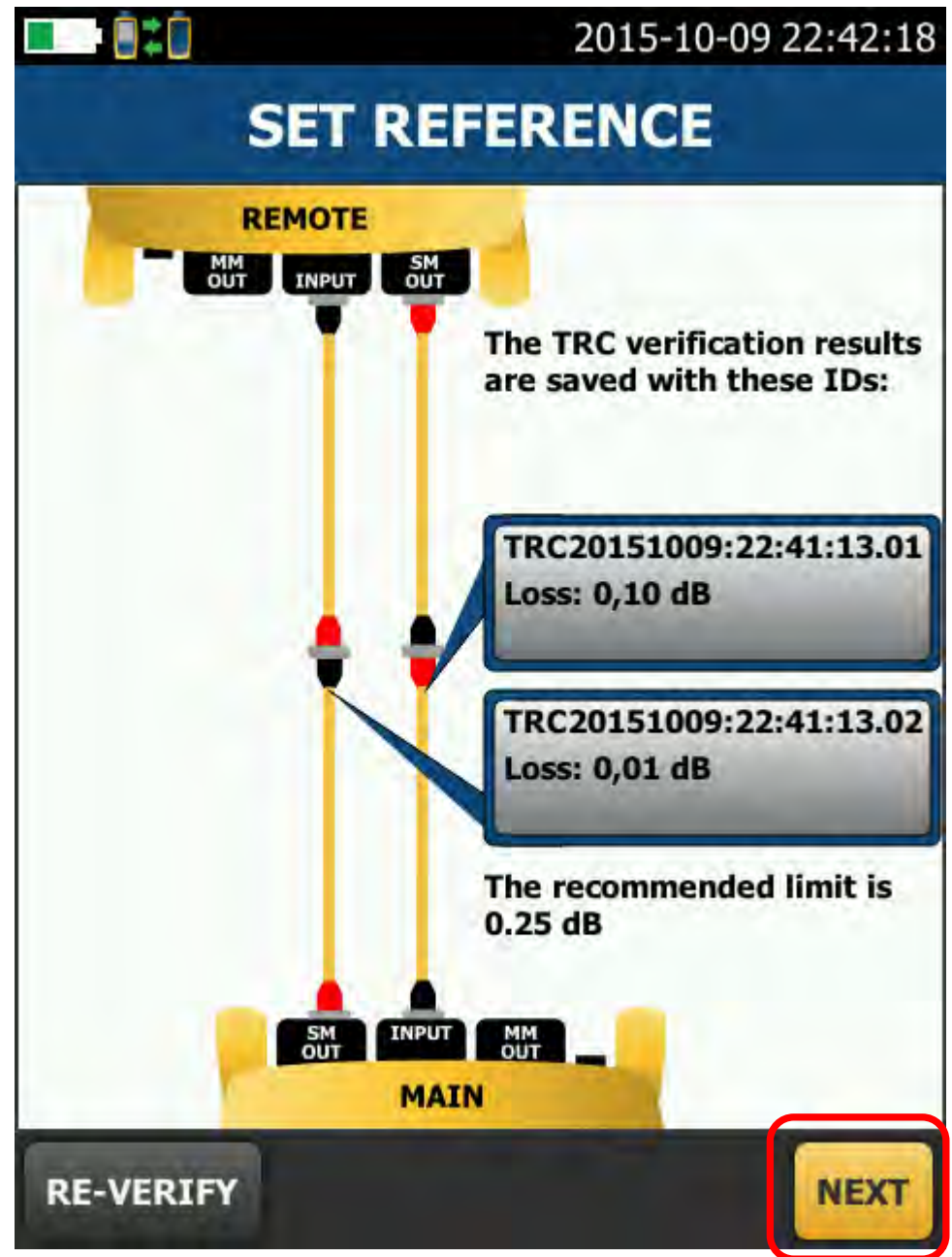
Ojdå

Så här ska det inte se ut

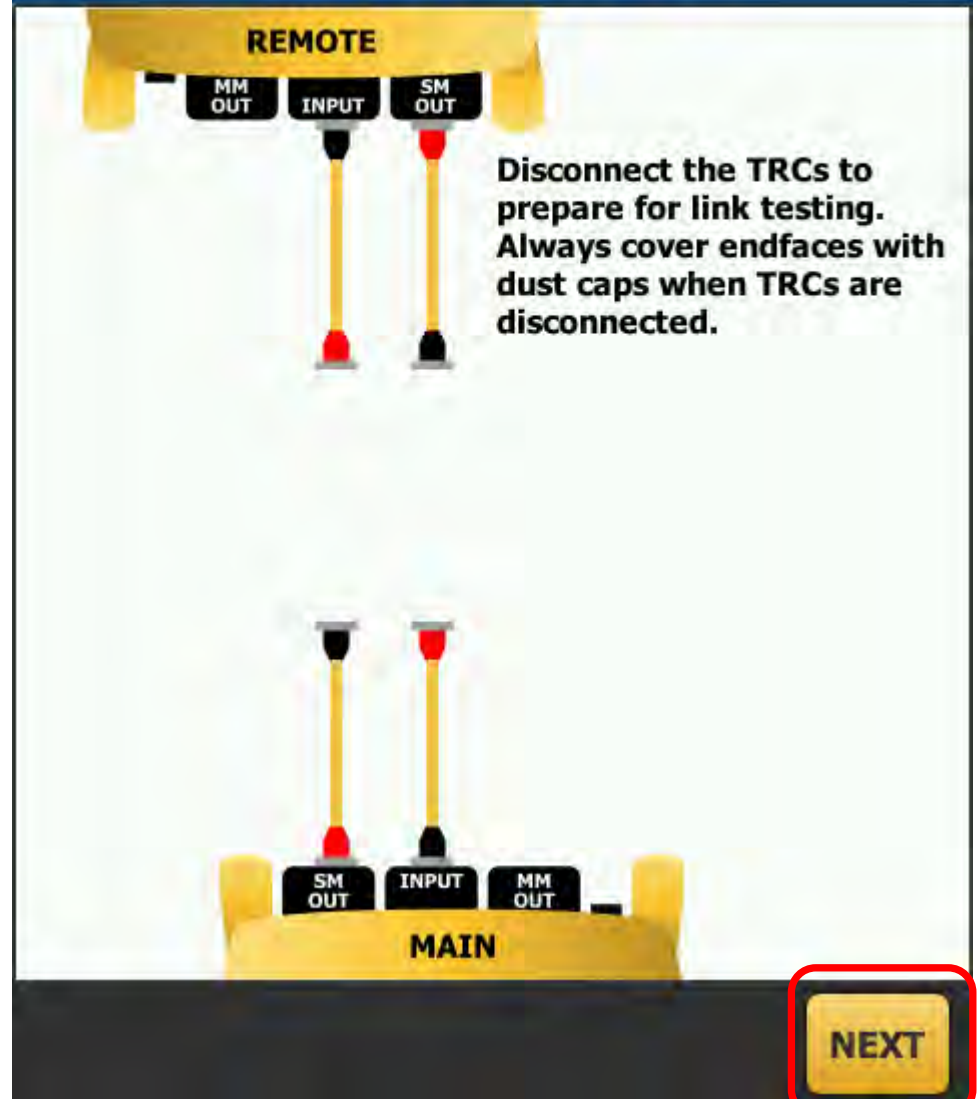
Börja om



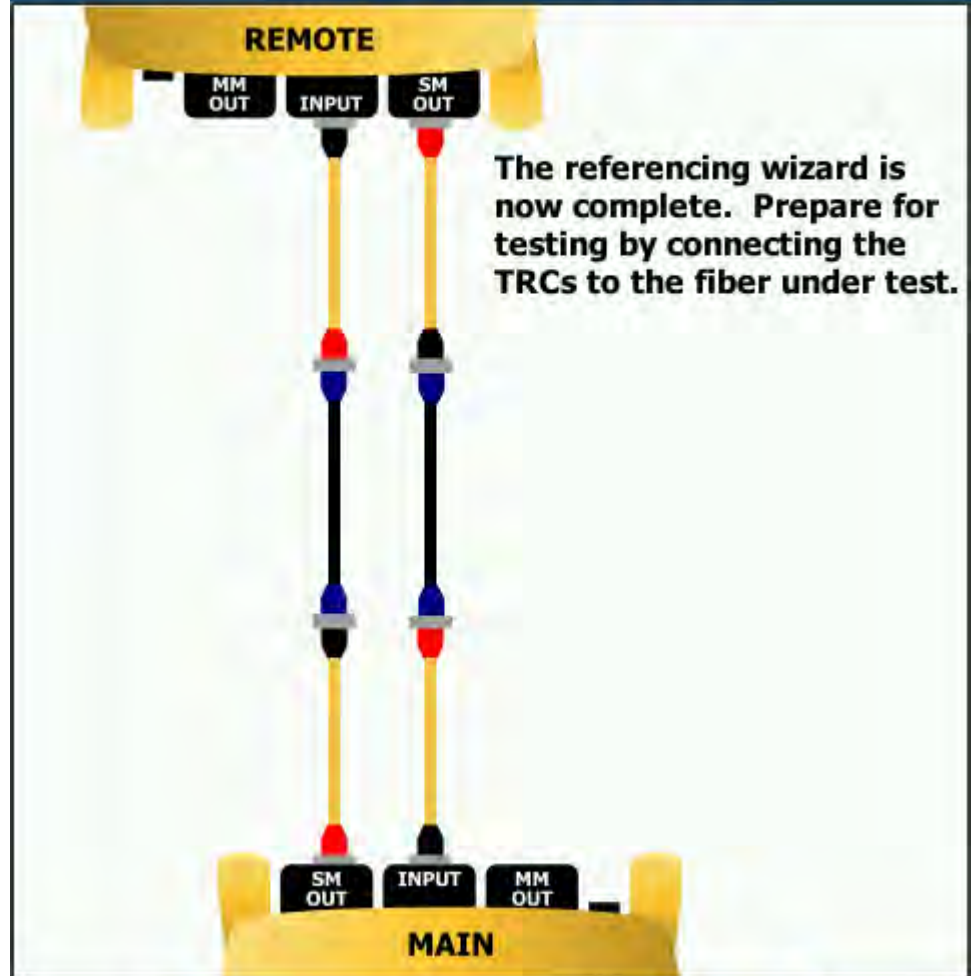
Det här är OK



SET REFERENCE



SET REFERENCE



Dags att mäta

