

## DOBLE PROTECTION TESTING

# F5851

Recloser and Sectionalizer Test Cables



SCAN ME

## CONNECTIVITY FOR SPECIALIZED DISTRIBUTION SYSTEM TESTING WITH YOUR DOBLE POWER SYSTEM SIMULATOR

The Doble F5851 line of recloser and sectionalizer control test cables let you leverage the versatility of Doble F6000-series Power System Simulators for distribution testing applications.

Each version of an F5851 cable is purpose built for compatibility with specific pin-out arrangements used by different reclosing and sectionalizing control equipment.

### FEATURES AND BENEFITS



- Sturdy construction.
- Pin-outs to match common recloser and sectionalizer control interfaces.
- Labeled test set leads for ease-of-use.
- Cable versions for the currents, voltages, and logic I/O connections required by specific control units.
- Quality cable sets for numerous test cases and control equipment types.



F5851-19

# CABLE SETS FOR TESTING DISTRIBUTION RECLOSER AND SECTIONALIZER CONTROLS

Select the F5851 cable set that fits the pin-outs of the recloser or sectionalizer control device to test. Connect the F5851 plug to the control device and connect the leads to your F6000-series Power System Simulator. Use Protection Suite or RTS software with your Doble test set to control current and voltage injections into the control device and to evaluate contact status signals of switch operations being emulated by the test set during testing of a recloser control.

	<p><b>F5851-8K</b></p> <p>Eight-lead cable set with 8-pin plug. Compatible with controllers including:</p> <ul style="list-style-type: none"><li>• Beckwith Electric M-7679</li><li>• Cooper Power/Eaton: Type 3, Type 4, Form 5, Form 6</li><li>• Schweitzer: 351R, 351R Falcon, 651R</li></ul> <p>This cable is used for providing voltages only to the recloser control under test. Used in conjunction with the control cables when voltage connections are not contained in the control cable, or if customer is using separate cable for voltage connections to recloser control.</p>
	<p><b>F5851-10</b></p> <p>Ten-lead cable set with 10-pin plug. Compatible with controllers including:</p> <ul style="list-style-type: none"><li>• Schweitzer 351R Kestrel</li></ul>
	<p><b>F5851-14K</b></p> <p>Fourteen-lead cable set with 14-pin plug. Compatible with controllers including:</p> <ul style="list-style-type: none"><li>• Beckwith Electric M-7679</li><li>• Cooper Power/Eaton: Type 3, Type 4, Form 5, Form 6</li><li>• Schweitzer: 351R, 351R Falcon, 651R</li></ul>
	<p><b>F5851-19</b></p> <p>Nineteen-lead cable set with 19-pin plug. Compatible with controllers including:</p> <ul style="list-style-type: none"><li>• Beckwith Electric M-7679</li><li>• Cooper Power/Eaton Form 6</li><li>• Schweitzer 651R</li></ul>



### F5851-19V

Nineteen-lead cable set with 19-pin plug. Compatible with controllers including:

- Beckwith Electric M-7679
- Cooper Power/Eaton Form 6
- Schweitzer 651R

This cable is used for providing voltages only to the recloser control under test. Used in conjunction with the control cables when voltage connections are not contained in the control cable, or if customer is using separate cable for voltage connections to recloser control.



### F5851-26

Twenty-six-lead cable set with 26-pin plug. Compatible with controllers including:

- Beckwith Electric M-7679
- Cooper Power/Eaton Form 6TS
- Schweitzer 651R



### F5851-32V

Thirty-two-lead cable set with 32-pin plug. Compatible with controllers including:

- Beckwith Electric M-7679
- Schweitzer 351R & 651R



### F5851-42

Forty-two-lead cable set with 42-pin plug. Compatible with controllers including:

- Beckwith Electric M-7679
- Schweitzer 651R

# DISTRIBUTION TESTING SOLUTIONS



F5850 Test Interface for S&C IntelliRupter® PulseClosers®



F8300-series and F8200-series Power System Simulators



F6150e Power System Simulators



Protection Suite™



Manta MTS-5100™ Test Systems



Doble RTS™



Doble PowerBase™



**Doble Engineering Company**  
Worldwide Headquarters  
123 Felton Street, Marlborough, MA 01752 USA  
tel +1 617 926 4900 | fax +1 617 926 0528  
[www.doble.com](http://www.doble.com)

Specifications are subject to change without notice.  
Doble is an ISO 9001 & ISO/IEC 17025 & 17034 Certified Company.  
Doble is an ESCO Technologies Company.  
PUBLISHED: MARCH, 2024