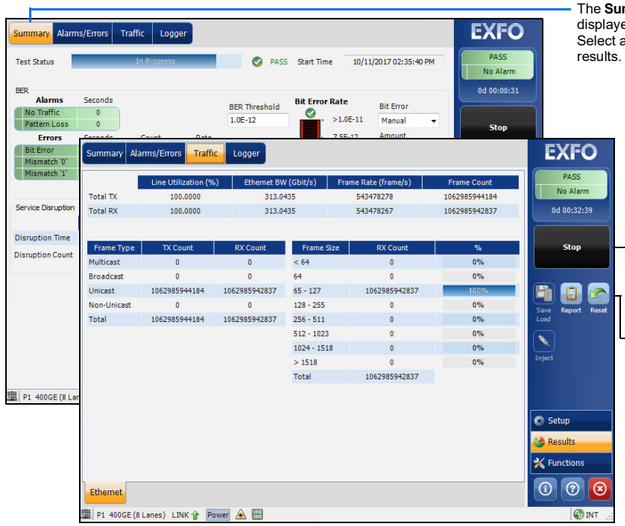
# Getting Results

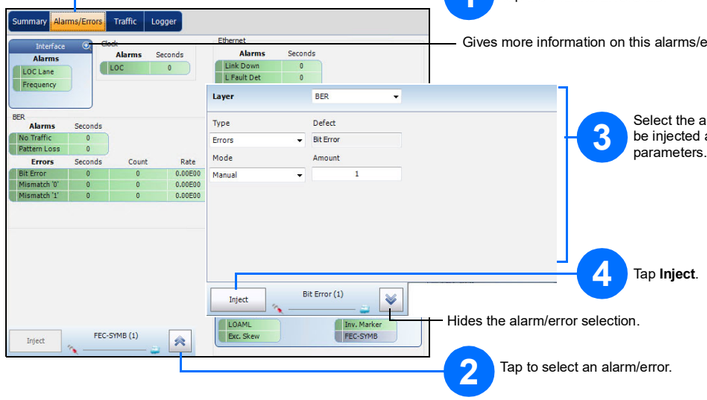



The **Summary** tab is automatically displayed once the test is started. Select a tab to get additional test results.

The **Stop** button is displayed when the test is running.

Test control buttons are reconfigured according to the test application and status.

## Alarm/Error Injection




1. Tap the **Alarms/Errors** tab.

Gives more information on this alarms/errors group.

2. Tap to select an alarm/error.

3. Select the alarm/error to be injected and its parameters.

4. Tap **Inject**.

Hides the alarm/error selection.

# Status Bar

# Global Indicator

The global indicator displays the pass/fail verdict, global alarm, timer, and/or test duration.

Tap anywhere within the global indicator area to see the maximized view of these indicators.

# Test Control Buttons

| | | |
|---|---|---|
| Start / Stop | **Start**<br>**Stop** | Starts test. Available when the test is not running.<br>Stops test. Available when the test is running. |
| | **Save**<br>**Load** | Saves, loads, imports, exports, and deletes configuration file(s). Available when the test is not running. |
| | **Report** | Saves, opens, imports, exports, and deletes test report(s). Available when the test is running or stopped, but the report generation (save) is only possible when the test is stopped. |
| | **Laser** (on) | Indicates that the laser control is on (for at least one lane for parallel interface); the laser button has a red border. Tapping this button will turn off the laser (for all lanes for parallel interface). |
| | **Laser** (off) | Indicates that the laser control is off (for all lanes for parallel interface). Tapping this button will activate the laser immediately by emitting an optical laser signal (on all lanes for parallel interface). |
| | **Reset** | Clears results, statistics, and logger content. Available when the test is running. |
| | **Inject** | Injects alarms/errors based on settings from the Inject button from the Results - Alarms/Errors tab. |
| More | **More/**<br>**Less** | The More/Less button appears when there is not enough room to display all available test control buttons. |

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For more information, refer to the user guide.

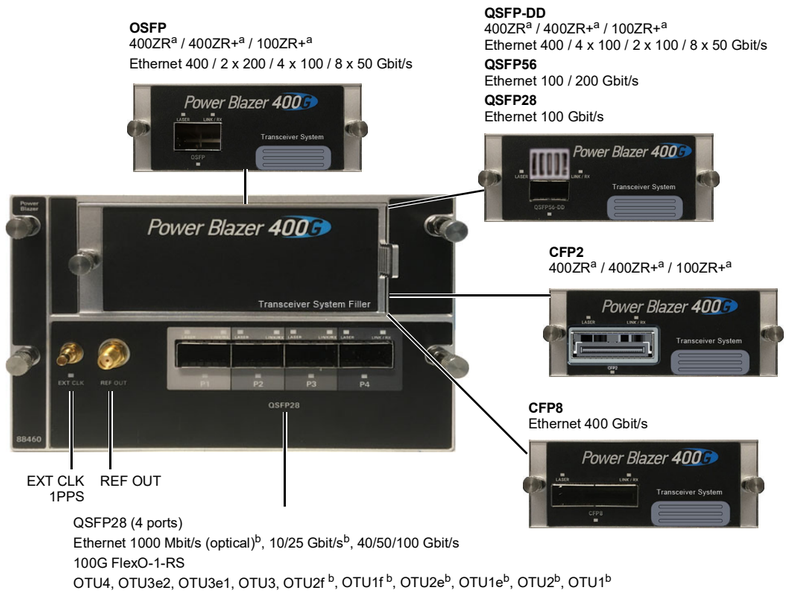


HIGH-SPEED MULTISERVICE TEST MODULE

# Power Blazer
FTBx-88460

# Physical Interfaces

Connect the signal to the corresponding interface on the module. Insert an EXFO supported transceiver into the port's slot, then carefully connect optical fiber cables to the transceiver IN (RX) and OUT (TX) ports.




**OSFP**
400ZR[a] / 400ZR+[a] / 100ZR+[a]
Ethernet 400 / 2 x 200 / 4 x 100 / 8 x 50 Gbit/s

**QSFP-DD**
400ZR[a] / 400ZR+[a] / 100ZR+[a]
Ethernet 400 / 4 x 100 / 2 x 100 / 8 x 50 Gbit/s

**QSFP56**
Ethernet 100 / 200 Gbit/s

**QSFP28**
Ethernet 100 Gbit/s

**CFP2**
400ZR[a] / 400ZR+[a] / 100ZR+[a]

**CFP8**
Ethernet 400 Gbit/s

EXT CLK
1PPS

REF OUT

QSFP28 (4 ports)
Ethernet 1000 Mbit/s (optical)[b], 10/25 Gbit/s[b], 40/50/100 Gbit/s
100G FlexO-1-RS
OTU4, OTU3e2, OTU3e1, OTU3, OTU2f[b], OTU1f[b], OTU2e[b], OTU1e[b], OTU2[b], OTU1[b]

a. Requires revision B of the FTBx-88460 module and TA4-OSFPv2/TA4-QSFP-DDv2/TA4-CFP2v2.
b. Requires a QSFP28 to SFP28 transceiver adapter.

# Starting the Application

From **ToolBox X**, tap the Power Blazer application button.

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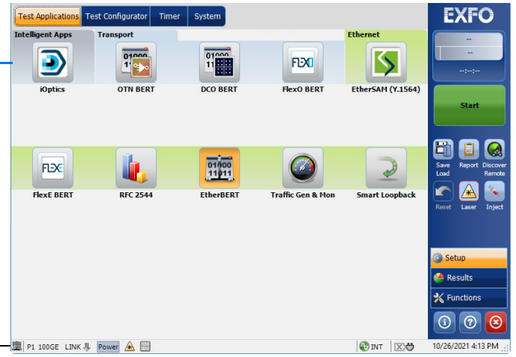
# Configuring and Starting a Test

Tap on a test application. **1**




Status Bar

## For Intelligent Apps:

### iOptics

**2** Tap the desired port icon.

Once the transceiver is correctly detected ✓, its rate is displayed.

**3** Select the test parameters and thresholds.

**4** Tap the **Start** button to start the test.



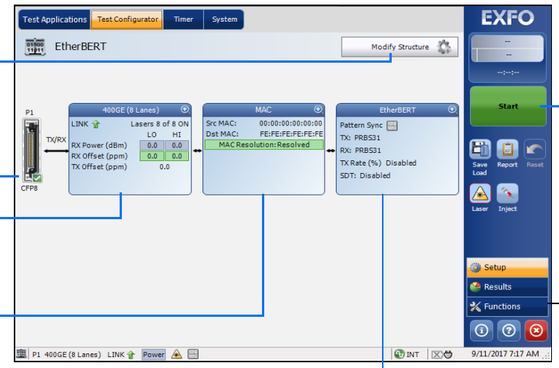

## For Transport / Ethernet:

**2** Tap the **Modify Structure** button to see the basic structure of the test such as interface/rate, connector, etc.

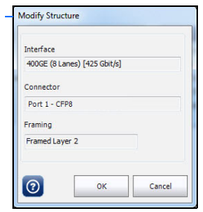
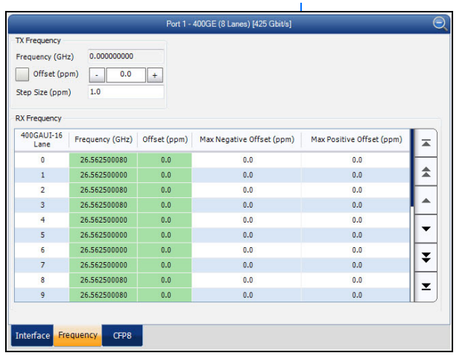
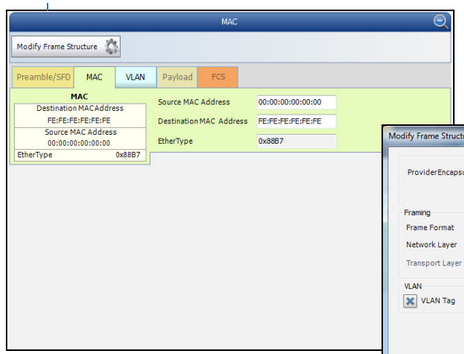
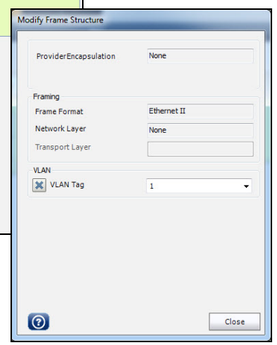
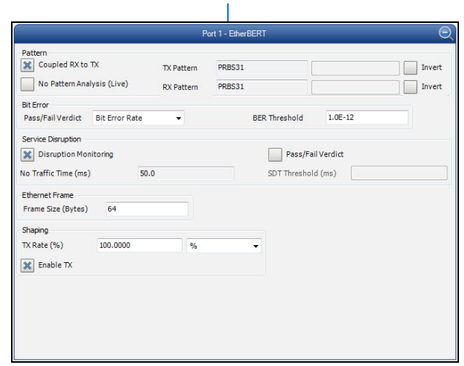
**3** Check for the CFP optical validation check mark ✓ indicating that the CFP matches the configured interface/rate.

**4** Tap the interface block to configure the interface/signal parameters. Ensure that the link is up and the power level (when supported) is present in the status bar before proceeding to the next step.

**5** Tap the protocol block to configure the frame structure and its parameters.




**7** Tap the **Start** button to start the test.

*Note: For advanced testing, tap the **Functions** button.*

**6** Tap the test block to configure specific test settings.