

- 1 GHz RF return loss bridge kit to be used with any bench sweep system for accurate return loss measurements to 40 dB
- Bridge only or a complete kit is available

RETURN LOSS BRIDGE

The FB40-75 is a fixed RF bridge, used for measuring return loss on system components or structural return loss of RF cable. The return loss bridge is available in two configurations: A basic set and a comprehensive set, including adapters, terminations, and mismatches.

GENERAL DESCRIPTION

The Model FB40-75 precision return loss bridge is designed for fast, accurate measurement of return loss, when used with either a standard sweep generator and display oscilloscope, or a sweep comparator test set-up. The FB40-75 is built with precision components, including special 75Ω BNC input, output and test port connectors. These are required in order to provide both quick precise connections and a long lasting reliable connector. Both the bridge and bridge kit are supplied with precision BNC to F type connectors.

MODEL FB40-75

Included with the standard FB40-75 return loss bridge are precision BNC to F type adapters, and a calibrated precision 75 ohm termination, housed in a protective carrying case.



RETURN LOSS BRIDGE KIT

MODEL KFB40-75

The KFB40-75 return loss bridge kit includes the FB40-75 bridge, precision BNC to F type adapters, a precision 75 ohm termination, and precision calibrated mismatches of 15, 20, and 25 dB return loss. The entire kit is housed in a specially designed wooden protective case. Calibrated mismatches are marked with each specific mismatch value.

Special purpose connectors, such as GR type are available. Please contact the factory for specifications and availability.

SPECIFICATIONS

MODEL FB40-75

Impedance

75 ohms

Frequency Range

1 to 1000 MHz

Open-short Change

±1.2 dB

Insertion Loss

15 dB nominal

Return Loss Resolution

40 dB minimum

Connectors

BNC (GR Type optional)

MODEL KFB40-75

Impedance

75 ohms

Frequency Range

1 to 1000 MHz

Open-short Change

±1.2 dB

Insertion Loss

15 dB nominal

Return Loss Resolution

40 dB minimum

Connectors

BNC (GR Type optional)

Calibrated Mismatch

±.2 dB from marked value

Specifications are subject to change without notice.