Installation Note

Agilent Technologies 8712ET/ES and 8714ET/ES Fault Location and SRL Upgrade Kit
Kit Numbers 08714-60046 (Option 100) and 08714-60047 (Option 101)

Agilent Technologies

Notice.

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Products Affected:	8712ET/ES and 8714ET/ES RF Network Analyzers
Serial Numbers:	All
To Be Performed By:	(X) Agilent Technologies Service Center (X) Customer or Personnel Qualified by Agilent Technologies (X) Agilent Technologies Personnel On-site
Estimated Installation Time:	10 minutes for upgrade kit 08714-60046
	30 minutes for upgrade kit 08714-60047

Description

The 08714-60046 kit (Option 100) provides you with the keyword to upgrade your analyzer to include the fault location and structural return loss measurement capability. The 08714-60047 kit (Option 101) also provides a transportable case for the analyzer.

Installation Kits Parts Lists

Upgrade Kit 08714-60046

Quantity	Description	Part Number
1	User's Guide Supplement for Option 100	08714-90020
1	CATV Quick Start Guide	08714-90021
1	Cellular Antenna Quick Start Guide	08714-90022
1	Option keyword label	N/A

Upgrade Kit 08714-60047

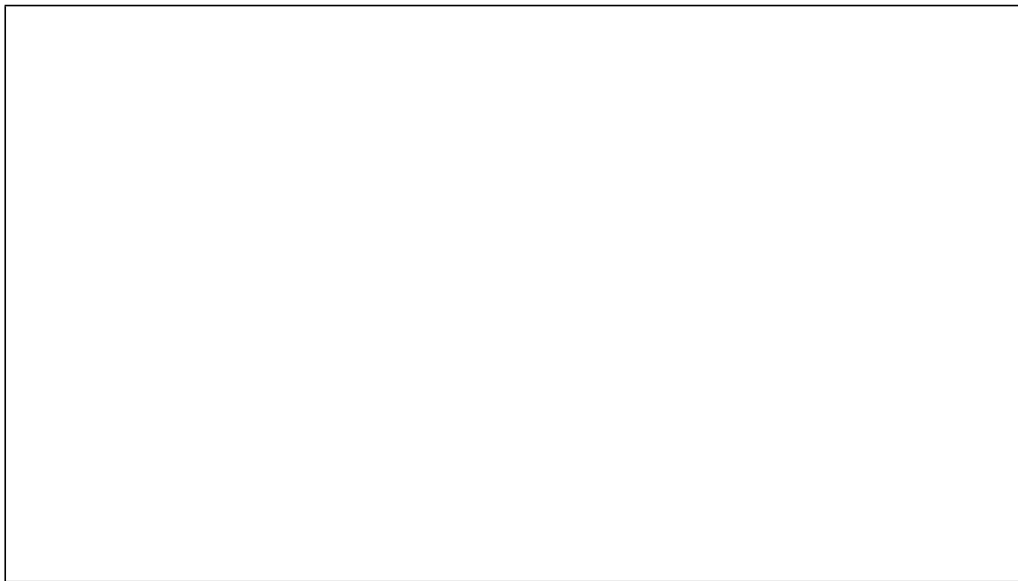| Quantity	Description	Part Number
1	User's Guide Supplement for Option 100	08714-90020
1	CATV Quick Start Guide	08714-90021
1	Cellular Antenna Quick Start Guide	08714-90022
1	Option keyword label	N/A
1	Transportable Case	08712-60059

Tools Required

Upgrade Kit 08714-60046: None

Upgrade Kit 08714-60047:

- #15 TORX driver
- Phillips screw driver
- Small flat-blade screw driver

Entering the Option 100 Keyword

1. Refer to the keyword in the box below. Verify that the analyzer's serial number matches the serial number below. This keyword will not work on any other analyzer.

2. Press (SYSTEM OPTIONS) **System Config** **Options Setup** **Install Option** .

3. Enter the 11 character keyword into the analyzer. You may use an external keyboard or use the analyzer's front panel keypad and knob to select the characters. Follow the instructions shown on the analyzer. Do not confuse the letter "O" for the number "0". Press (ENTER) when done.

4. If the keyword was properly entered, the following message will appear briefly: "Fault/SRL Option enabled." If the keyword was not properly entered, an "Invalid option keyword" message will be displayed. Double-check the serial number of the analyzer. The serial number is displayed upon power-up but can also be viewed by pressing:
   (SYSTEM OPTIONS) **Service** **Instrument Info** . If the serial number of your analyzer and the label above match, try entering the keyword again. If the serial numbers do not match, or you cannot successfully install the option, contact Agilent Technologies.

5. After successfully installing your new option, be sure to permanently attach the supplied keyword label to the rear panel of your analyzer since some types of repair will require the re-installation of this keyword. It is also a good idea to record the keyword and serial number and keep them in a safe place.

6. Cycle the power to the analyzer. You are now ready to begin making fault location and SRL measurements.

7. Refer to the 08714-60047 kit documentation for instructions on installing the transportable case.

For Additional Information

For more information refer to your analyzer's *Service Guide*, or contact your nearest Agilent Technologies sales and service office. See the table on the next page.

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