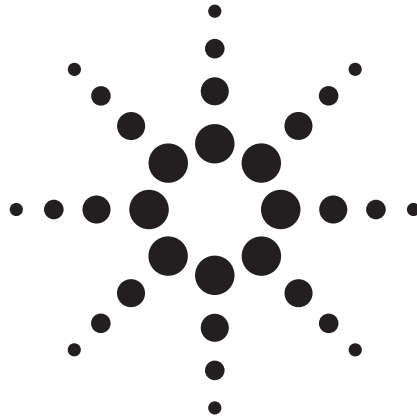


OmniBER 725 communications performance analyzer

Configuration Guide



Agilent Technologies

Configuration and ordering

The OmniBER 725 provides optical and electrical interfaces for SDH/SONET bit error rate and jitter testing from 50 Mb/s to 2.5 Gb/s (STM-16c/OC-48c).

To order the test capability you require from your Agilent Technologies OmniBER 725 communications performance analyzer, simply follow the four steps below.

NB. E4547A wander analysis is not compatible with the Omniber 725

1. Please select the mainframe that meets your requirements (includes RS-232-C, LAN and GP-IB remote control interfaces)

		Mainframe
Bit Error Rate (BER) capability	J1408A	<input type="checkbox"/>
BER and jitter capability	J1409A	<input type="checkbox"/>

2. Order standards version (one must be ordered)

		Option
SDH (ITU-T)	001	<input type="checkbox"/>
Dual standard SONET/SDH (ANSI/ITU-T)	002	<input type="checkbox"/>

3. Optical interface (optics must be ordered)

1310 nm only	104	<input type="checkbox"/>
1550 nm only	105	<input type="checkbox"/>
Dual wavelength 1310 nm/1550 nm	106	<input type="checkbox"/>
Replaces FC/PC adapters with SC	610	<input type="checkbox"/>
Replaces FC/PC adapters with ST	611	<input type="checkbox"/>

4. Accessory options

80-column in-lid graphics printer	602	<input type="checkbox"/>
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Optical coupler

15744B‡: In-lid optical coupler.

15744C‡: In-pouch optical coupler (for use when option 602, graphics printer is fitted).

‡ Order the appropriate option. For full details of the 15744B/C optical coupler, please ask your local Agilent Technologies representative for a brochure.

E4545A: Additional 3m fiber optic cable (FC/PC connectors).

E4546A: Additional FC/PC 15 dB attenuator.

Graphics printer paper

Printer paper: Part Number 9270-1360.

Carrying cases and rack mount kit

15772C: Hard, robust transit case.

15910B: Soft, vinyl carrying case.

15989A: 19-inch rack mount kit.

Manuals and calibration certificate

Option 0B1: Additional set of manuals.

Option UK6: Calibration certificate.

Warranty

1-year warranty as standard.

Warranty and calibration plan extensions to 3 and 5 years can be provided

Standards conformance

CE mark*: The OmniBER 725 communications performance analyzer has full CE mark compliance and meets the following standards:

- ESD/mains fast transients/ radiated susceptibility: meets EN50082-1 (1991).
- Radiation emissions/ conducted emissions: meets EN55011 (1991).

Product safety:

The OmniBER 725 communications performance analyzer meets the following safety standards:

- IEC 348/EN61010.

**All products sold in EC and ETSI countries must have the CE mark.*



OmniBER 725 is a
Class 1 laser product
EN60825-1:1994
Class I laser product
FDA 23 CER CH.1 1040.10 (1994)

*MS Windows is a US trademark of
Microsoft Corporation.*

*Agilent manufactures the OmniBER 718
communications performance analyzer
under a quality system approved to the
international standard ISO 9001 plus
TickIT (BSI Registration Certificate No
FM 10987).*

Agilent Technologies' Test and Measurement Support, Services, and Assistance

Agilent Technologies aims to maximize the value you receive, while minimizing your risk and problems. We strive to ensure that you get the test and measurement capabilities you paid for and obtain the support you need. Our extensive support resources and services can help you choose the right Agilent products for your applications and apply them successfully. Every instrument and system we sell has a global warranty. Support is available for at least five years beyond the production life of the product. Two concepts underlie Agilent's overall support policy: "Our Promise" and "Your Advantage."

Our Promise

Our Promise means your Agilent test and measurement equipment will meet its advertised performance and functionality. When you are choosing new equipment, we will help you with product information, including realistic performance specifications and practical recommendations from experienced test engineers. When you use Agilent equipment, we can verify that it works properly, help with product operation, and provide basic measurement assistance for the use of specified capabilities, at no extra cost upon request. Many self-help tools are available.

Your Advantage

Your Advantage means that Agilent offers a wide range of additional expert test and measurement services, which you can purchase according to your unique technical and business needs. Solve problems efficiently and gain a competitive edge by contracting with us for calibration, extra-cost upgrades, out-of-warranty repairs, and on-site education and training, as well as design, system integration, project management, and other professional engineering services. Experienced Agilent engineers and technicians worldwide can help you maximize your productivity, optimize the return on investment of your Agilent instruments and systems, and obtain dependable measurement accuracy for the life of those products.



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Product specifications and descriptions in this document subject to change without notice.

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