

Digital Radio Test Set Accessories

Models 6103, 6104 and 6113



Aeroflex supplies a range of accessories to complement the digital radio test set range

PADDED CARRYING BAG

The padded carrying bag provides a convenient way to transport and protect your Test Set during normal daily use. It is made from a tough durable material offering protection without being heavy.

There is a pocket allowing accessories to be stowed and a detachable shoulder strap.

Ordering Information

Option 61 Padded Carrying Bag



RIGID TRANSIT CASE



The rigid transit case provides the ultimate in protection for your Test Set while being transported.

It has a high density foam padded interior, metal re-inforced corners, recessed handles and is finished in lightweight aluminum alloy. Padlocks can be used on the two clasps for additional security. The specification is suitable for air transportation and exceeds ATA 300 Category 1.

Size

Approx 550 mm x 480 mm x 300 mm

Weight

12 kg

Ordering Information

Option 62 Rigid Transit Case

FRONT PANEL PROTECTION COVER



The front panel protection cover provides a way of preventing damage to the connectors and front panel display of the Test Set when a transit case or carrying bag is not appropriate.

Ordering Information

Option 64 Front Panel Protection Cover

SIM CARDS



The test SIM (Subscriber Identity Module) provides a convenient way of allowing a GSM, DCS 1800 or PCS 1900 mobile to be thoroughly tested. The test SIM allows the mobile to be put into loopback mode by the 6103 or 6104 in order to perform bit error ratio testing.

The SIM card is mini-SIM size for the majority of mobiles and is mounted in a SIM card carrier for mobiles requiring full size SIM cards and for use with the 6113 in live testing mode.

PIN: 00000000
PUK: 12369874
Ki: 5E4AB358 91375D2A EE812E67 C309A629
IMSI: 001 01 012 345 6789

Administration Data Field : Set to 80 (Type Approval)

Ordering Information

Option 70 GSM/DCS1800/PCS1800 test SIM for Test Set

Option 71 Miniature SIM adapter for Test Set

MEMORY CARDS

A selection of memory cards has been produced for a variety of applications. Test sequences and BTS manufacturers' code as well as results can be saved on these cards.

The 2 Mb memory card is SRAM with battery back-up. It is suited to applications that require modification to files on a regular basis such as storage of parameter files, test sequences and results files, and are recommended for the 6103 and 6104.

The 10 Mb Flash Memory is suited to storage of results, BTS manufacturers' code or information that is rarely modified such as standard test routines.

The 520 Mb hard drive allows bulk storage of information.



6113 users are advised to purchase the 10 Mb Flash Memory cards or 520 Mb hard drives as the majority of manufacturers' BTS code now exceeds 2 Mb.



Although the PCMCIA standard is specified there are some areas that have been known to cause compatibility problems. All the above memory cards are compatible with all of the digital radio test products.

Ordering Information

Option 77 PC memory card - 2 Mb

Option 78 Flash memory card - 10 Mb

Option 79 Hard disk memory card - 520 Mb

RACK MOUNTING KIT

The rack mounting kit for the test sets comes in the standard color scheme and consists of a fascia plate and support tray suitable for fitment to a standard 19" rack frame.

The kit includes mounting brackets to secure the test set.

Ordering Information

Option 60: Rack Mounting Kit

Support Options

A number of support options are available that ensure equipment is kept up to date and calibrated. Software support ensures that the latest software is provided. This is important where base station software is revised by the base station manufacturer, and where new features and enhancements are made available.

Extended warranty and calibration is also available. Request Product Support Information data for full details.

Support option examples are:-

<i>Option S1</i>	<i>One year software support</i>
<i>Option S2</i>	<i>Two year software support</i>
<i>Option S3</i>	<i>Three year software support</i>
<i>Option C1</i>	<i>One annual calibration</i>
<i>Option C2</i>	<i>Two annual calibrations</i>
<i>Option W1</i>	<i>One year extended warranty with calibration</i>
<i>Option W2</i>	<i>Two year extended warranty with calibrations</i>

CABLES

A number of data interface cables are available.

Option 90

Test Set to PC RS-232 cable

Allows download of new operational software to the Test Set from a PC via the RS-232 port (9 way D-type).

OPTION 91

Test Set to Printer RS-232 cable (25 way D-type).

OPTION 92

Test Set to Printer parallel cable.

Other special cables are available for testing various BTS types. General RF cables are listed overleaf. See separate data sheets for more information

RF CABLES

- 3 m N to N cable*
- 3 m N to TNC cable*
- 3 m N to SMA cable*
- 2 m N to SMA cable*
- 3 m TNC to SMA cable*
- 2 m TNC to TNC (right angle) cable*
- 2 m TNC (right angle) to SMC cable*
- 3 m SMA to SMA cable*
- 2 m SMA to SMA cable*
- 2 m SMA to SMC cable*
- 2 m SMA to SMB cable*

- 3 m BNC to BNC cable*
- 2 m BNC to SMB cable*
- 3 m BNC to bantam jack cable (red)*
- 3 m BNC to bantam jack cable (black)*
- 2 m BNC to Type 43 cable*
- 2 way SMA splitter/combiner*
- 4 way SMA splitter/combiner c/w 2 terminations*
- N to 7/16th converter*
- 2 m TNC (right angle) to SMA cable*
- BNC to Type 43 (female) converter*
- TNC to TNC right angle adapter*
- SMA to SMA right angle adapter*
- 10 dB 1 W TNC attenuator*
- 10 dB 2 W SMA attenuator*

TRAINING COURSES

Aeroflex organizes regular customer training sessions for its digital radio products in its facilities at Burnham in England. Located just 20 minutes from Heathrow (London's main airport) on the M4 motorway, it is convenient for everyone wishing to attend. Contact the **Help Desk on +44 (0)8706 080134** or e-mail sales@aeroflex.co.uk. For further details check our web site.

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Our passion for performance is defined by three attributes represented by these three icons: solution-minded, performance-driven and customer-focused.