

## TC-5912D WLAN Shield Box, *Preliminary Data Sheet*

### Application

The TESCOM TC-5912D Shield Box is a compact manual RF test fixture that provides RF isolation and reliable signal connections necessary for testing various types of Wireless LAN devices in a test system. With the extensive list of standard accessories, TC-5912D offers an excellent value for the test needs of production line, R&D, service and QA.

### Key Features

High RF shielding, typically >50dB at 5.8GHz  
 2 RF N-connectors, 100pin Data I/O, and RJ-45 ports.  
 IEEE 802.11a,b,g.  
 Applicable to CardBus/PCMCIA, mini PCI, USB, or LAN devices.  
 Built-in Bridge for reliable data cable extension  
 Built-in Hot Swap Capability for mini PCI device



### Specification

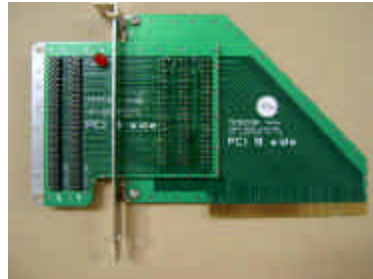
- Shielding Effectiveness: >55dB at 2.5GHz, >50dB at 5.8GHz
- RF connectors: 2 Type-N to SMA inside
- Data I/O connectors: 100pin Shielded Flat Cable, RJ-45, USB adaptor cable
- Inner Dimension: 140(W) x 244(L) x 119(H) mm
- Outer Dimension: 205(W) x 418(L) x 152.5(H) mm.
- Nominal Weight: 4.7 kg
- Standard Accessories Supplied:
  - Type-N RF Cable, 1pc.
  - USB Adaptor Cables: 2pcs 1.5m and 30cm.
  - RJ-45 Cables 2pcs, 1.5m and 30cm.
  - CBC S/W Driver (1x 3.5" diskette)
  - 99120A, PCI to 100pin Adaptor, for right side motherboard, 1pc..
  - 99120B, PCI to 100pin Adaptor, for left side motherboard, 1pc.
  - 99110B, 100pin to CardBus Adaptor, 1pc.
  - 99117E, 100pin to mini PCI Adaptor, 1pc.
  - 4101-0023, Shielded Data Cable 100pin 20cm, 1pc.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

## Accessories



99120A, PCI to 100pin Adaptor,  
for the right side motherboard.



99120B, PCI to 100pin Adaptor,  
for the left side motherboard.



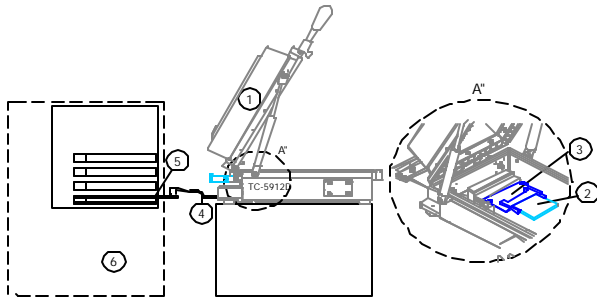
99110B, 100pin to CardBus Adaptor.



99117E, 100pin to mini PCI Adaptor

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## Typical Connection Diagram



- ? TC-5912D.
- ? CardBus DUT.
- ? 99117E CardBus Adaptor.
- ? Shielded Data Cable 20cm
- ? 99120B PCI to 100pin Adaptor, for the left side motherboard.
- ? Desktop PC, tower case, with the motherboard mounted on the left wall.

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