



# TC-5920A Shield Box

## Application

TC-5920A Shield Box provides an efficient RF isolated test environment for testing mobile, testing WLAN and small RF devices on the benches of R&D, service, QC and manufacturing.

## Features

- High RF shielding
- Easy Opening/Closing of Door
- EMI filters on all Data and DC lines
- Easily customizable to meet various test needs

## Specification

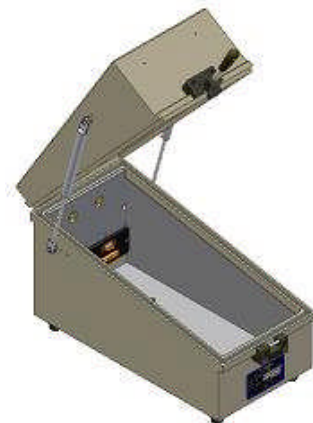
- Shielding effectiveness : > 60dB, from DC to 2.5GHz
- RF Connectors : 2 SMA(f) outside and SMA(f) inside
- Data Line Electrical Rating : 100VDC, 3A max
- Outside Dimension : 8.34(W) x 22.75(D) x 10.31(H) in
- Working Space : 7.16(W) x 14.96(D) x 8.26(H) in
- Weight without optional test Fixture : 25.25 lbs. or 11 Kg



Front View



TC-5920A fitted with M592002A










Open View

*SPECIFICATIONS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE*



### Optional I/O Module Lists for TC-5920A

Module Number & Appliance	Description
<b>M592001A</b>	<b>Blank Panel</b>
	
<b>M592002A</b>	<b>Data interface module</b>
	<ul style="list-style-type: none"> <li>- DB9(p) outside and DB9(s) inside, 1000pF pi filter</li> <li>- DB25(p) outside and DB25(s) inside, 1000pF pi filter</li> <li>- 2 N(f) outside and SMA(f) inside</li> </ul>
<b>M592003A</b>	<b>Data interface module</b>
	<ul style="list-style-type: none"> <li>- DB9(p) outside and DB9(s) inside, 1000pF pi filter</li> <li>- DB25(p) outside and DB25(s) inside, 1000pF pi filter</li> <li>- 2 DB37(p) outside and DB37(s) inside, 1000pF pi filter</li> </ul>
<b>M592004A</b>	<b>Data interface module</b>
	<ul style="list-style-type: none"> <li>- Air fitting, 6mm OD.</li> <li>- DB9(p) outside and DB9(s) inside, 1000pF pi filter</li> <li>- DB25(p) outside and DB25(s) inside, 1000pF pi filter</li> <li>- 2 N(f) outside and SMA(f) inside</li> </ul>
<b>M592005A</b>	<b>Data interface module</b>
	<ul style="list-style-type: none"> <li>- 2 DB9(p) outside and DB9(s) inside, 1000pF pi filter</li> <li>- DB25(p) outside and DB25(s) inside, 1000pF pi filter</li> <li>- DB37(p) outside and DB37(s) inside, 1000pF pi filter</li> <li>- N(f) outside and SMA(f) inside</li> </ul>
<b>M592006A</b>	<b>W-LAN CardBus Extender Module for Notebook</b>
	<ul style="list-style-type: none"> <li>- N(f) outside and SMA(f) inside</li> <li>- 100 pin to 100pin, shielded flat cable, 10pF pi filter</li> <li>- RJ45, 10pF pi filter, up to 100Mbps data rate(*) and USB 2.0</li> </ul>
<b>M592007A</b>	<b>Data interface module</b>
	<ul style="list-style-type: none"> <li>- DB9(p) outside and DB9(s) inside, 1000pF pi filter</li> <li>- DB25(p) outside and DB25(s) inside, 1000pF pi filter</li> <li>- 4 SMA(f) outside and SMA(f) inside</li> <li>- RJ-45, 10pF pi filter, up to 100Mbps data rate(*) and USB 2.0</li> </ul>

(\*) Approximate communication data rate. Data rate varies depending on in/out impedance of Tx and Rx.

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### Ordering Information

#### TC-5920A, Shield Box

**M591001A\***, 100pF pi filter in DB9 connector instead of 1000pF pi filter  
**M591002A\***, 100pF pi filter in DB25 connector instead of 1000pF pi filter

**4006-0004\***, RG400S, N(m) to N(m) cable, 1m  
**4009-0006\***, DB9(s) to USB A(p) cable, 1m  
**4009-0007\***, DB9(s) to USB A(s) cable, 15cm

\* Suitable for USB1.1 and Bluetooth device test application

#### **M592001A, Blank Panel**

#### **M592002A, Data interface module**

Sold Separately :

4002-0002, N(m) to N(m) cable, 1m  
4003-0004, DB9(p) to DB9(s) cable, 1m  
4003-0005, DB25(p) to DB25(s) cable, 1m

#### **M592003A, Data interface module**

Sold Separately :

4003-0004, DB9(p) to DB9(s) cable, 1m  
4003-0005, DB25(p) to DB25(s) cable, 1m  
4003-0034, DB37(p) to DB37(s) cable, 1m

#### **M592004A, Data interface module**

Sold Separately :

4002-0002, N(m) to N(m) cable, 1m  
4003-0004, DB9(p) to DB9(s) cable, 1m  
4003-0005, DB25(p) to DB25(s) cable, 1m

#### **M592005A, Data interface module**

Sold Separately :

4002-0002, N(m) to N(m) cable, 1m  
4003-0004, DB9(p) to DB9(s) cable, 1m  
4003-0005, DB25(p) to DB25(s) cable, 1m  
4003-0034, DB37(p) to DB37(s) cable, 1m

#### **M592006A, W-LAN CardBus Extender Module for Notebook**

Accessories supplied :

4008-0001, USB A(p) to RJ-45 cable, 1.5m  
4008-0002, USB B(p) to RJ-45 cable, 30cm  
4008-0006, RJ-45 to RJ-45 cable, 30cm  
4008-0007, RJ-45 to RJ-45 cable, 2m  
4011-0004, N(m) to SMA(m) cable, 1m  
E99110C, 100pin to cardbus adaptor, 1pc.  
E99115C, 100pin cardbus extender, 1pc.  
E99117F, 100pin to mini PCI adaptor, 1pc.

Sold Separately :

E99123A, CF W-LAN Card Test Adaptor

#### **M592007A, Data interface module**

Sold Separately :

4003-0004, DB9(p) to DB9(s) cable, 1m  
4003-0005, DB25(p) to DB25(s) cable, 1m  
4008-0006, RJ-45 to RJ-45 cable, 30cm  
4008-0007, RJ-45 to RJ-45 cable, 2m  
4002-0006, N(m) to SMA(m), 1m  
4011-0004, N(m) to SMA(m), 1m

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