



TC-5910D RF Shield Box

Application

TC-5910D Shield Box provides RF isolation and signal connections necessary for wireless devices testing. With the RF coupling accessory and filtered control ports, TC-5910D makes an ideal solution for testing mobiles, Bluetooth, DAB/DMB, RFID, Zigbee, CardBus/PCMCIA, mini PCI, USB, or LAN devices and small RF devices on the test benches of manufacturing, R&D, service, and QC.

Features

- Reliable High RF Shielding up to 6GHz
- Manual operation
- Easily latching handle for repetitive operator use.
- Easily customizable to meet various test needs
- Outside side mounted shock absorbers on lid
- RF Absorbent foam lined
- Constructed of cast aluminum alloy
- I/O module plates and interfaces are designed ergonomically with double wall housing to minimize RF leakage.



Front view

Specification

- Shielding Effectiveness:
 - 100dB @ 1GHz
 - 90dB @ 3GHz
 - 80dB @ 6GHz
- Dimension
 - Inside : 130(W) x 235(D) x 138(H) mm
 - Outside : 207(W) x 424(D) x 170(H) mm
- Weight : approx. 4kg
- Packed Weight : approx. 6 kg



Rear view with M591011A

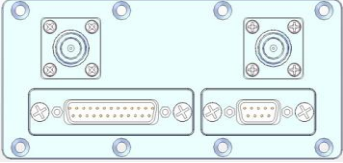
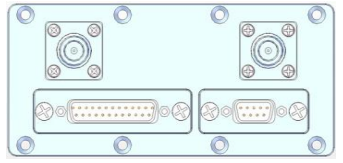

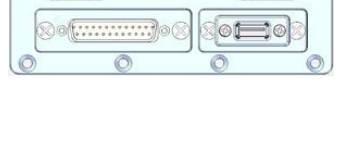
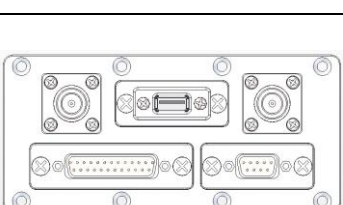
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

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Optional I/O Modules for TC-5910D

Appliance	Module Number & Description
	<p>M591011A ; Data Interface Module</p> <ul style="list-style-type: none"> - Shielding Effectiveness: > 70dB up to 2.5GHz - DB9(p) outside and DB9(s) inside, 1000pF Pi filter - DB25(p) outside and DB25(s) inside, 1000pF Pi filter - 2 N(f) outside and SMA(f) inside - Data line Capacity: 100 VDC, 3 Amps max
	<p>M591011B ; Data Interface Module</p> <ul style="list-style-type: none"> - Shielding Effectiveness: > 60dB up to 2.5GHz - DB9(p) outside and DB9(s) inside, 100pF Pi filter - DB25(p) outside and DB25(s) inside, 100pF Pi filter - 2 N(f) outside and SMA(f) inside - Data line Capacity: 100 VDC, 3 Amps max
	<p>M591012A ; Data & USB2.0 interface Module</p> <ul style="list-style-type: none"> - Shielding Effectiveness: > 60dB up to 2.5GHz - DB25(p) outside and DB25(s) inside, 1000pF Pi filter - 2 N(f) outside and SMA(f) inside - USB A(p), 10pF Pi filter - Data line Capacity: 100 VDC, 3 Amps max
	<p>M591012A-01 ; Data & USB2.0 interface Module</p> <ul style="list-style-type: none"> - Shielding Effectiveness: > 60dB up to 2.5GHz - DB25(p) outside and DB25(s) inside, 100pF Pi filter - 2 N(f) outside and SMA(f) inside - USB A(p), 10pF Pi filter - Data line Capacity: 100 VDC, 3 Amps max
	<p>M591016B; Data & USB2.0 Interface Module</p> <ul style="list-style-type: none"> - Shielding Effectiveness: > 60dB up to 2.5GHz - DB9(p) outside and DB9(s) inside, 100pF Pi filter - DB25(p) outside and DB25(s) inside, 1000pF Pi filter - USB A(p), 10pF Pi filter - 2 N(f) outside and SMA(f) inside - Data line Capacity: 100 VDC, 3 Amps max
	<p>M591014A; WLAN Interface for Desktop Use</p> <ul style="list-style-type: none"> - 100-pin, Shielded Flat Cable, 10pF Pi filter, for CardBus or Mini PCI - USB A(s) outside and inside, up to USB2.0 full speed (Replaceable by RJ45) - 2 SMA (f) outside and SMA(f) inside - Cardbus Controller installed - DB9(p) outside and DB9(s) inside, 1000pF Pi filter

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Concentric Technology Solutions Inc

Testing Solutions for the Wireless Industry

TC-5910D Shield Box Data Sheet

M591014B ; WLAN Interface for Laptop Use

- 100-pin, Shielded Flat Cable, 10pF Pi filter, for CardBus or Mini PCI
- USB A(s) outside and inside, up to USB2.0 full speed
(Replaceable by RJ45)
- 2 SMA (f) outside and SMA(f) inside
- No Cardbus Controller
- DB9(p) outside and DB9(s) inside, 1000pF Pi filter

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- Actual measured isolation may be different based on installed connectors.

Ordering Information

TC-5910D, Shield Box without I/O module installed.

Optional Items

M591011A, **M591011B**, **M591012A**, **M591012A-01**, **M591016B**, **M591014A**, **M591014B** ... and more.

TC-93020A, Flat Type Antenna Coupler up to 2.4GHz

TC-93026A, Flat Type Antenna Coupler up to 6GHz and more..

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