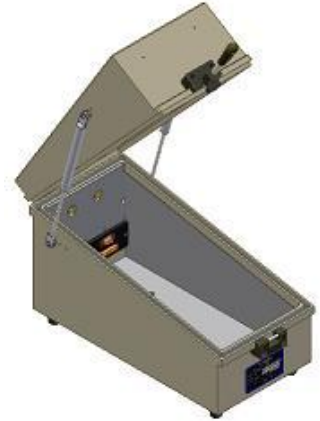




TC-5920A RF Shield Box

Application

TC-5920A Shield Box provides RF isolation and signal connections necessary for wireless devices testing. With the RF coupling accessory and filtered control ports, TC-5920A makes an ideal solution for testing mobiles, Bluetooth, DAB/DMB, RFID, Zigbee, CardBus/PCMCIA, mini PCI, USB, or LAN 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
- Built-in RF Connectors: 2 SMA(f) outside and SMA(f) inside
- I/O module plates and interfaces are designed ergonomically with double wall housing to minimize RF leakage.

Front_view



TC-5920A back fitted with M592002A

Specification

- Shielding Effectiveness :
 - 100dB @ 1GHz
 - 90dB @ 3GHz
 - 80dB @ 6GHz









Dimension : Inside : 7.16(W) x 14.96(D) x 8.26(H) in

Weight: 25.25 lbs. or 11 Kg

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Optional I/O Module Lists for TC-5920A

Module Number & Appliance	Description
M592001A	Blank Panel
	
M592002A	Data interface module
	<ul style="list-style-type: none"> - 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
M592003A	Data interface module
	<ul style="list-style-type: none"> - DB9(p) outside and DB9(s) inside, 1000pF pi filter - DB25(p) outside and DB25(s) inside, 1000pF pi filter - 2 DB37(p) outside and DB37(s) inside, 1000pF pi filter
M592004A	Data interface module
	<ul style="list-style-type: none"> - Air fitting, 6mm OD. - 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
M592005A	Data interface module
	<ul style="list-style-type: none"> - 2 DB9(p) outside and DB9(s) inside, 1000pF pi filter - DB25(p) outside and DB25(s) inside, 1000pF pi filter - DB37(p) outside and DB37(s) inside, 1000pF pi filter - N(f) outside and SMA(f) inside
M592006A	W-LAN CardBus Extender Module for Notebook
	<ul style="list-style-type: none"> - N(f) outside and SMA(f) inside - 100 pin to 100pin, shielded flat cable, 10pF pi filter - RJ45, 10pF pi filter, up to 100Mbps data rate(*) and USB 2.0
M592007A	Data interface module
	<ul style="list-style-type: none"> - DB9(p) outside and DB9(s) inside, 1000pF pi filter - DB25(p) outside and DB25(s) inside, 1000pF pi filter - 4 SMA(f) outside and SMA(f) inside - RJ-45, 10pF pi filter, up to 100Mbps data rate(*) and USB 2.0
M591601A	Data Interface Module
	<ul style="list-style-type: none"> - DB9(p) outside and DB9(s) inside, 100pF Pi filter - DB25(p) outside and DB25(s) inside, 1000pF Pi filter - USB A 2.0, 10pF Pi filter - Data line Capacity: 100 VDC, 3 Amps max.

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

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Concentric Technology Solutions Inc

Testing Solutions for the Wireless Industry

TC-5920A Shield Box Data Sheet

Ordering Information

TC-5920A, Shield Box without I/O module installed.

Optional Items

M592001A, M592002A, M592003A, M592004A, M592005A, M592006A, M592007A, M591601A and more...

Antenna Coupler

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

TC-93023B, Flat Type Antenna Coupler up to 2.4GHz

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

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