



TC-5970B RF Shield Box

Application

TC-5970B provides RF radiation shielding for testing medium and large size Wireless Devices for Engineering, Manufacturing and Service.

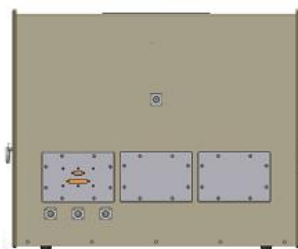
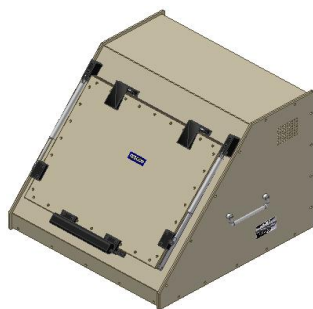
Features

- High RF Shielding
- Easy Opening/Closing of Door
- EMI filters on all Data and DC lines
- Customizable Data connections – Requires 3 Optional I/O modules

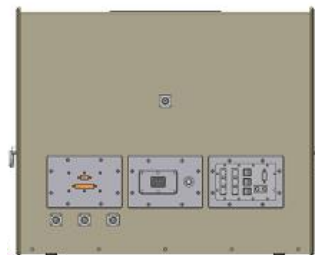
Specification

- Shielding Effectiveness : >65dB 2.5~6GHz
- RF Connectors : 4 N(f) outside and SMA(f) inside
- Data line Capacity : 100 VDC, 3 Amps maximum
- Inner Dimension : 540(W)×550(D)×430(H)mm, 205(D)mm top side
Or 21.25 Inch(W) x 21.65 Inch(D) x 16.92 Inch(H), 8 Inch(D) top side
- Outer Dimension : 620(W)×680(D)×531(H)mm
Or 24.4 Inch(W) x 26.7 Inch(D) x 20.9 Inch(H)
- Lid Size : 507(W)×398(H) or 19.96 Inch(W) x 15.66 Inch(H)
- Weight : approx. 39 kg or 85.98 lbs
- Packed Weight : approx. 64 kg or 141 lbs

Front View



Rear view with M597002A &
2x M597001A






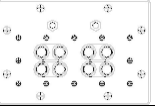
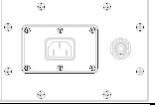
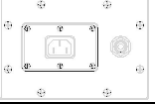

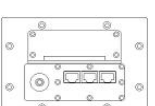
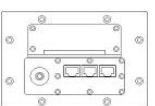


Rear view with M597002A,
M59706A & M597007A

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE



Optional I/O Modules for TC-5970B

Appliance	Module Number & Description
	M597001A ; Blank Panel
	M597002A ; Data Interface Module 1000pF pi filter - DB9(p) outside and DB9(s) inside, 1000pF pi filter - DB25(p) outside and DB25(s) inside, 1000pF pi filter
	M597002B ; Data Interface Module - 1 USB2.0 A type outside and inside - DB25(p) outside and DB25(s) inside, 1000pF pi filter
	M597003A ; Data Interface Module 100pF pi filter - DB9(p) outside and DB9(s) inside, 100pF pi filter - DB25(p) outside and DB25(s) inside, 100pF pi filter
	M597004A ; Data Interface Module, 2 x DB9, 2 x DB25 - 2 DB9(p) outside and DB9(s) inside, one 100pF pi filter & one 1000pF pi filter - 2 DB25(p) outside and DB25(s) inside, one 100pF pi filter & one 1000pF pi filter
	M597005A ; RF and DC Power Module - 2 SMA (f) outside and SMA (f) inside - 4 Dual banana jack
	M597006A ; Power Interface Module - AC Inlet, 100VAC~300VAC, 10A (Non-US Standard Inlet) - Air fitting, 6mm OD.
	M597006B ; Power Interface Module - AC Inlet, 100VAC~300VAC, 10A(US Standard Inlet) - 1 N(f) outside and SMA(f) inside
	M597007A ; Notebook PC Interface Module - 2 PS/2 for Keyboard & mouse - 6 USB A(p) 2.0, 10pF pi filter, up to USB2.0 full-speed - 6 RJ45, 10pF pi filter, up to 100 Mbps data rate (*) - DB15(p) outside, DB15(s) inside, 10pF pi filter, for Display Monitor ※ Shielding Effectiveness : > 50dB DC~2.5GHz, >50dB 2.5~5.8GHz
	M597008A ; W-LAN CardBus Controller Module for Desk Top PC - 100pin to 100pin, Shielded Flat Cable, 10pF pi filter, for CardBus or Mini PCI - 3 RJ-45, 10pF pi filter, up to 100 Mbps data rate(*) - DC Power Jack ※ Shielding Effectiveness : > 55dB DC~2.5GHz, >50dB 2.5~5.8GHz
	M597009A ; W-LAN CardBus Extender Module for Notebook - 100pin, Shielded Flat Cable, 10pF pi filter, for CardBus or Mini PCI - 3 RJ-45, 10pF pi filter, up to 100 Mbps data rate(*) - DC Power Jack ※ Shielding Effectiveness : > 50dB DC~2.5GHz, >50dB 2.5~5.8GHz

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

DB9 connector is replaceable with USB or RJ45

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Concentric Technology Solutions Inc

Testing Solutions for the Wireless Industry

TC-5970B Shield Box Data Sheet

Ordering Information

TC-5970B, Shield Box w/o Module

M597001A, M597002A, M597002B, M597003A, M597004A, M597005A, M597006A, M597006B, M597007A, M597008A, M597009A

Accessories are included

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