



TC-5916A RF Shield Box

Application

TC-5916A Shield Box provides RF isolation and signal connections necessary for wireless devices testing. With the RF coupling accessory and filtered control ports, TC-5916A 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.



Front view

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 Connector : 2 N(f) outside and SMA(f) inside
- I/O module plates and interfaces are designed ergonomically with double wall housing to minimize RF leakage.

Specification

- Shielding Effectiveness :
 - 100dB @1GHz
 - 90dB @ 3GHz
 - 80dB @ 6GHz
- Dimension : Inside : 310(W) x 280(D) x 200(H) mm Outside : 400(W) x 475(D) x 240(H) mm
- Weight : approx. 8 kg



TC-5916A back fitted with M591602A

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

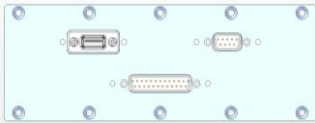


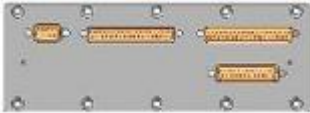



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TC-5916A Shield Box Data Sheet

Optional I/O Modules for TC-5916A

Appliance	Module Number & Description
M591602A	Data Interface Module
	<ul style="list-style-type: none"> - DB9(p) outside and DB9(s) inside, 100pF Pi filter (Replaceable with USB or RJ45) - DB25(p) outside and DB25(s) inside, 1000pF Pi filter - USB A 2.0, 10pF Pi filter (Replaceable with DB9 or RJ45) • - Data line Capacity: 100 VDC, 3 Amps max.
SM5916A031	Data Interface Module
N/A	<ul style="list-style-type: none"> - DB9(p) outside and DB9(s) inside, 100pF Pi filter (Replaceable with USB, RJ45) - 2 DB25(p) outside and DB25(s) inside, 1000pF Pi filter - USB A 2.0, 10pF Pi filter (Replaceable with DB9 or RJ45) - RJ45, 10pF pi filter, up to 100Mbps - Data line Capacity: 100 VDC, 3 Amps max.
M592001A	Blank Panel
	
M592002A	Data interface module
	<ul style="list-style-type: none"> - DB9(p) outside and DB9(s) inside, 100pF Pi filter (Replaceable with USB or RJ45) - B25(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, 100pF Pi filter (Replaceable with USB or RJ45) - 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, 100pF Pi filter (Replaceable with USB or RJ45) - DB25(p) outside and DB25(s) inside, 1000pF pi filter - 2 N(f) outside and SMA(f) inside

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TC-5916A Shield Box Data Sheet

M592005A



Data interface module

- 2 DB9(p) outside and DB9(s) inside, 100pF Pi filter (Replaceable with USB or RJ45)
- 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

- 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

- DB9(p) outside and DB9(s) inside, 100pF Pi filter (Replaceable with USB or RJ45)
- 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

M592008A



W-LAN CardBus Module for Desktop

- 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

Ordering Information

TC-5916A, Shield Box without I/O module installed.

Optional items

I/O Modules

M591602A, M592001A, M592002A, M592002A, M592003A, M592004A, M592005A, M592006A, M592007A, M592008A

Antenna Couplers for 5916A

- 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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TC-5916A Shield Box Data Sheet

Optional Universal Type Fixture, TC-591504A



TC-591504 fitted with TC-93023B
& "L" shaped locator
inside shield box, TC-5916A

- X-Y Grid
- Weight total : 1kg
- Size: 12 inch x 9 inch
- Accessories Supplied :
 - Stand offs, 4 pc (TC-93023B should be ordered separately)
 - "L" shaped locator, 1pc

※ SPECIAL NOTE

① In case of ordering TC-5916A Shield Box only. It will be provided without any module installed. Optional Rear and Side Module are available at an additional cost. For pricing on the optional modules, please request a quote.

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