

TC-5910D Shield Box



Features

- Reliable High RF Shielding up to 6 GHz
- Manual operation
- Easily customizable to meet various test needs
- Shock absorber on lid

Specifications

Mechanical Specification

Dimension	
Inside	130(W) x 235(D) x 138(H) mm
Outside	207(W) x 424(D) x 170(H) mm, lid closed. 435(H) mm, lid open
Weight	approx. 5 kg
*Packing	
Size	365(W) x 450(D) x 280(H) mm
Weight	approx. 6 kg

*The size or weight of a package may vary on how to pack a package.

Typical RF Shielding

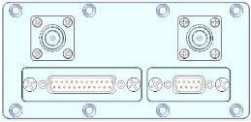
The shield effectiveness below is measured when the blank panel is mounted; other I/O interface panel results a different shielding effectiveness of the shield box.

100 to 2000 MHz	> 80 dB
2000 to 3000 MHz	> 70 dB
3000 to 6000 MHz	> 60 dB

Ordering Information

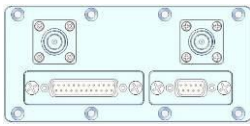
Order Number	Description
	Shield Box (including accessories bellow)
TC-5910D	Operating Manual Test Report RG400S, N(m) to N(m) cable, 1 m, 1 pc

I/O Interface Panel

	Order Number	Configuration
 <p>Data Interface Panel</p>	M591011A	<ul style="list-style-type: none"> *Shielding Effectiveness:>70 dB from 0.5 to 2 GHz, >60 dB from 2 to 3 GHz, >55 dB from 3 to 6 GHz DB9(p) outside and DB9(s) inside, 1000 pF Pi filter DB25(p) outside and DB25(s) inside, 1000 pF Pi filter 2 N(f) outside and SMA(f) inside Data line Capacity : 100 VDC, 3 Amps max

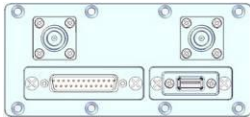
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#927 Unitechvil 142, Ilsan-ro, Ilsandong-gu, Goyang-si, Gyeonggi-do, Korea [410-722]
 TEL: 82-31-920-6600 FAX: 82-31-920-6607 tescom-sales@tescom.org <http://www.tescom.co.kr>


Data Interface Panel

M591011B

- *Shielding Effectiveness: >70 dB from 0.5 to 2 GHz, >60 dB from 2 to 3 GHz, >55 dB from 3 to 6 GHz
- DB9(p) outside and DB9(s) inside, 100 pF Pi filter
- DB25(p) outside and DB25(s) inside, 100 pF Pi filter
- 2 N(f) outside and SMA(f) inside
- Data line Capacity : 100 VDC, 3 Amps max


USB2.0 Interface Panel







M591012A

- *Shielding Effectiveness: >60 dB from 0.5 to 6 GHz
- DB25(p) outside and DB25(s) inside, 100 pF Pi filter
- USB A(p), 10 pF Pi filter
- Data line Capacity : 100 VDC, 3 Amps max

*Each shielding effectiveness is measured when each I/O interface panel, which is shown above, is mounted.




I/O Interface

Customized I/O Interface panels are available. Please contact Tescom sales team or your local distributor.

I/O Interface	Order Number	Typical Data Rate / Line Voltage	*Typical Shielding
 DB25, 1000 pF Pi Filter	3409-0009-1	3 Mbps	>70 dB from 0.5 to 2 GHz >60 dB from 2 to 3 GHz >55 dB from 3 to 6 GHz
 DB25, 100 pF Pi Filter	3409-0014-1	10 Mbps	>70 dB from 0.5 to 2 GHz >60 dB from 2 to 3 GHz >55 dB from 3 to 6 GHz
 DB9, 1000 pF Pi Filter	3409-0008-1	3 Mbps	>70 dB from 0.5 to 2 GHz >60 dB from 2 to 3 GHz >55 dB from 3 to 6 GHz
 DB9, 100 pF Pi Filter	3409-0010-1	10 Mbps	>70 dB from 0.5 to 2 GHz >60 dB from 2 to 3 GHz >55 dB from 3 to 6 GHz
 USB A(p) 2.0, 10 pF Pi Filter	3409-0018A-3	480 Mbps	>60 dB from 0.5 to 6 GHz
 RJ-45, 10 pF Pi Filter	3409-0022A	250 Mbps	>60 dB from 0.5 to 3 GHz

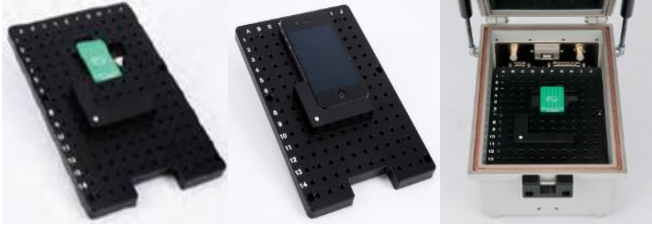
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	3409-0004A	50 VDC, 3 Amps max	>70 dB from 0.5 to 2 GHz >60 dB from 2 to 3 GHz >55 dB from 3 to 6 GHz
DC Power Adaptor, Jack Type			
	3409-0005A	50 VDC, 50 VDC, 10 Amps max	>70 dB from 0.5 to 2 GHz >60 dB from 2 to 3 GHz >55 dB from 3 to 6 GHz
DC Power Adaptor, Banana Jack Type			
		250 VAC, 7 Amps max	>70 dB from 0.5 to 2 GHz >60 dB from 2 to 3 GHz >55 dB from 3 to 6 GHz
AC Power Adaptor			

*Each shielding effectiveness is measured when each I/O interface panel, which is shown above, is mounted.

Fixture

	Order Number	Size
	F59105A	140(W) x 210(D) x 11(H) mm

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

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