

EMSD-FSL Full-Auto Sliding Door



EMSD-FSL

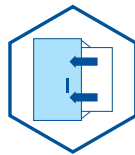
Full-Auto Sliding RF Shielding Doors meet the performance of IEEE299 shielding criteria and are designed for EME's high performance PAN shielding system

Absorber Inside



The door leaf inner plate is prepared for the mounting of the ferrite tiles and/or absorbers directly onto it. (maximum load 45 kg/m²) Ferrite tiles and/or absorbers are not included in the normal delivery condition. Length of absorber to be attached is not limited and available to match the required length in the area of open/close latch line.

Pneumatic Latching



Basically, standard width of the Full-auto sliding door is limited between 1500 mm ~ 3000 mm. Clear open height can be adjusted between 2050 mm and 3000 mm. The operation is caused by the power from air cylinders which are pneumatic system with air pressure. Button cover can be opened by simple unscrewing bolts and open the cover with hinges.

Security

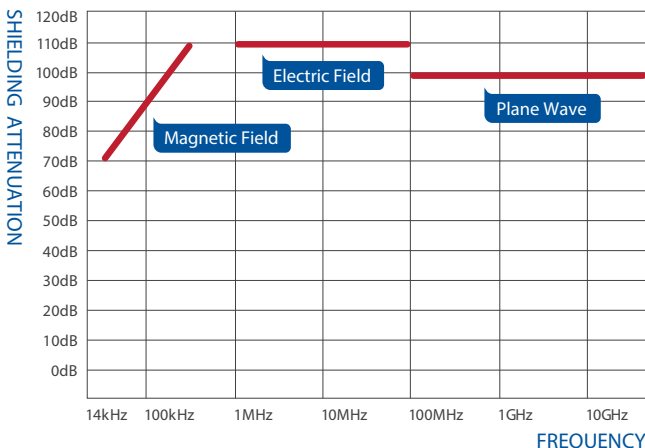


The Security has the patents and there is no projections on the door frame and protects the persons for the collision accident. As optional request, security card Open/Close system is available and customer has to inform the system at order.

Anti-Corrosion



All door leaf and frame are painted with powder coating method and has strong endurance against corrosion and external damages. The finger strips are beryllium-copper materials and has long lifetime and endurance. Exchange of the finger strips are very easy and simple with only one manual tool.



Shielding effectiveness test per MIL-STD-285 or IEEE-299-1997



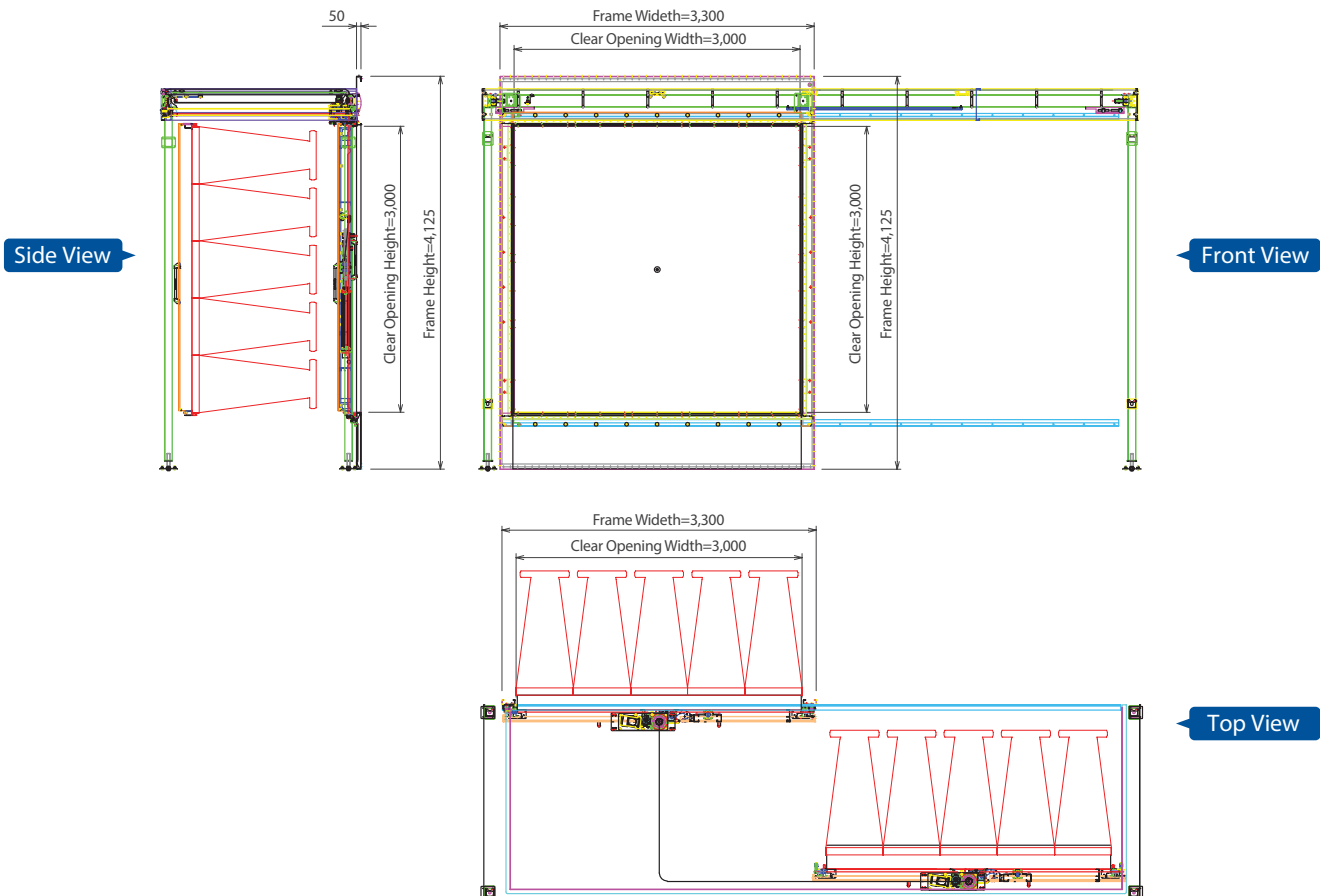
Inside View of Full-Auto Sliding Door

EMSD-FSL Full-Auto Sliding Door

MODEL TYPE	CLEAR OPEN (W x H)	AVAILABLE OPTION
EMSD-FSL 1520	1500 mm x 2050 mm	TB, HL, Absorber, Ferrite tile
EMSD-FSL 1820	1800 mm x 2050 mm	TB, HL, Absorber, Ferrite tile
EMSD-FSL 2020	2000 mm x 2050 mm	TB, HL, Absorber, Ferrite tile
EMSD-FSL 2525	2500 mm x 2500 mm	TB, HL, Absorber, Ferrite tile
EMSD-FSL 3030	3000 mm x 3000 mm	TB, HL, Absorber, Ferrite tile

(Special dimensions are also available by customers request.)

TB : Threshold Bridge
HL : Heavy Load



Threshold Bridge is available as an option to make the level flush between the threshold of the door and floor level of the outside. In case of FSL series, the Bridge operates automatically up and down by mechanical conjunction. Possible load capacity of the ramp covers from standard load 500 kg/m² to 2 tons/m² by the request from the customers.

The depth of the bridge is 200 mm ~ 300 mm depending on the building condition and the height of the bridge is from minimum 150mm to maximum 500mm. There is no compressed air is required for the mechanical bridge system.

EMSD-SSL Semi-Auto Sliding Door



EMSD-SSL

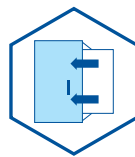
Semi-Auto Sliding RF Shielding Doors meet the performance of IEEE299 shielding criteria and are designed for EME's high performance PAN shielding system

Absorber Inside



The door leaf inner plate is prepared for the mounting of the ferrite tiles and/or absorbers directly onto it. (maximum load 45 kg/m²) Ferrite tiles and/or absorbers are not included in the normal delivery condition. Maximum length of absorber is limited within 450mm in the area of open/close latch line.

Pneumatic Latching



Basically, standard width of the Semi-auto sliding door is limited between 1500 mm ~ 3000 mm. Clear open height can be adjusted between 2050 mm and 3000 mm. The operation is caused by the power from air cylinders which are pneumatic system with air pressure. Button cover can be opened by simple unscrewing bolts and open the cover with hinges.

Security

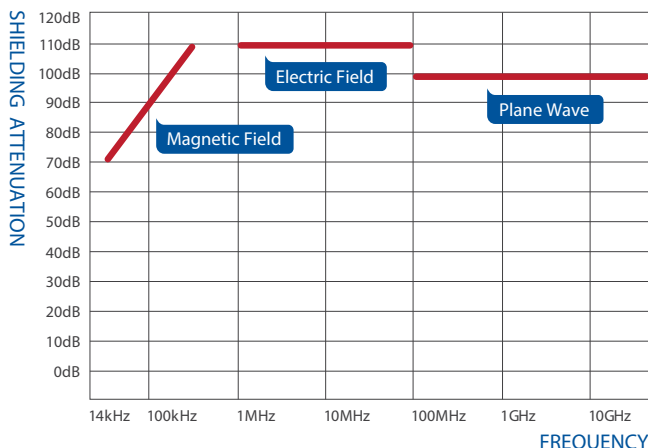


The Security has the patents and there is no projections on the door frame and protects the persons for the collision accident. As optional request, security card Open/Close system is available and customer has to inform the system at order.

Anti-Corrosion



All door leaf and frame are painted with powder coating method and has strong endurance against corrosion and external damages. The finger strips are beryllium-copper materials and has long lifetime and endurance. Exchange of the finger strips are very easy and simple with only one manual tool.



Shielding effectiveness test per MIL-STD-285 or IEEE-299-1997



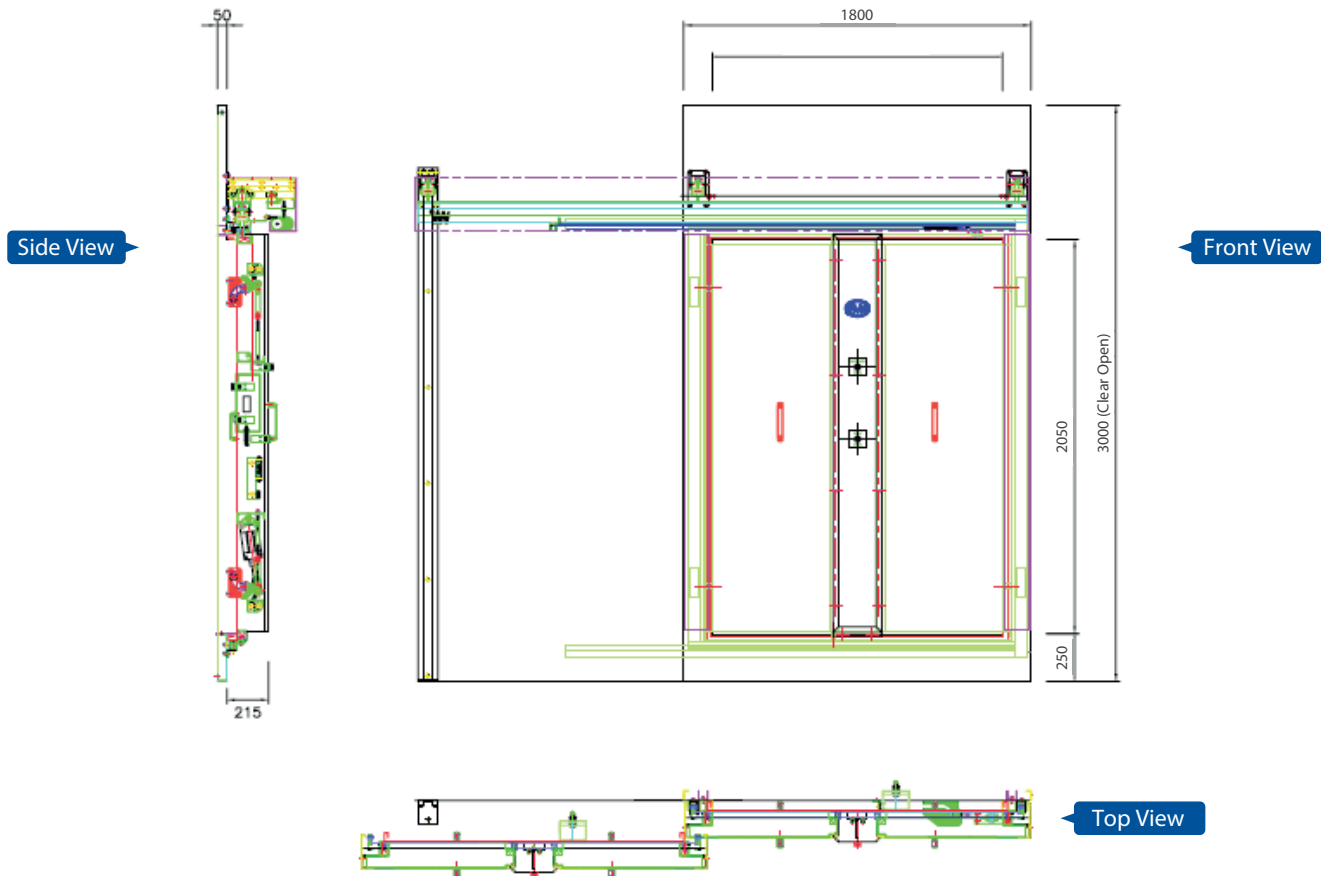
Inside View of Semi-Auto Sliding Door

EMSD-SSL Semi-Auto Sliding Door

MODEL TYPE	CLEAR OPEN (W x H)	AVAILABLE OPTION
EMSD-SSL 1520	1500 mm x 2050 mm	TB, HL, Absorber, Ferrite tile
EMSD-SSL 1820	1800 mm x 2050 mm	TB, HL, Absorber, Ferrite tile
EMSD-SSL 2020	2000 mm x 2050 mm	TB, HL, Absorber, Ferrite tile
EMSD-SSL 2525	2500 mm x 2500 mm	TB, HL, Absorber, Ferrite tile
EMSD-SSL 3030	3000 mm x 3000 mm	TB, HL, Absorber, Ferrite tile

(Special dimensions are also available by customers request.)

TB : Threshold Bridge
HL : Heavy Load



Threshold Bridge is available as an option to make the level of threshold of the door and floor level of the outside. In case of SSL series, the Bridge operates automatically up and down by mechanical conjunction. Possible load capacity of the ramp covers from standard load 500 kg/m² to 2 tons/m² by the request from the customers.

The depth of the bridge is 200 mm ~ 300 mm depending on the building condition and the height of the bridge is from minimum 150mm to maximum 500mm. There is no compressed air is required for the mechanical bridge system.

EMSD-SSW Semi-Auto Swing Door

Absorber Inside



The door leaf inner plate is prepared for the mounting of the ferrite tiles and/or absorbers directly onto it. (maximum load 45 kg/m²) Ferrite tiles and/or absorbers are not included in the normal delivery condition. Maximum length of absorber is limited within 450mm in the area of open/close latch line.

Pneumatic Latching



In the model over the 1500mm in clear open width has double hinges to guarantee the clear operation with heavy load on the door leaf. The operation is caused by the power from air cylinder which is pneumatic system with air pressure between 6 and 8 bar. Button cover can be opened by simple unscrewing bolts and open the cover with hinges.

Security



The Security has the patents and there is no projections on the door frame and protects the persons for the collision accident. As optional request, security card Open/Close system is available and customer has to inform the system at order.

Anti-Corrosion

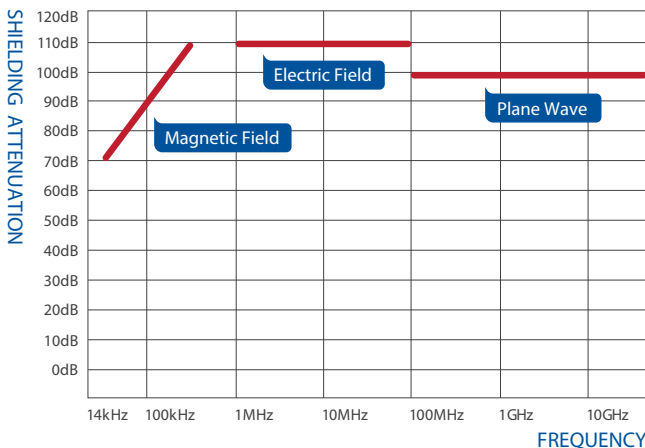


All door leaf and frame are painted with powder coating method and has strong endurance against corrosion and external damages. The finger strips are beryllium-copper materials and has long lifetime and endurance. Exchange of the finger strips are very easy and simple with only one manual tool.



EMSD-SSW

Semi-Auto Swing RF Shielding Doors meet the performance of IEEE299 shielding criteria and are designed for EME's high performance PAN shielding system



Shielding effectiveness test per MIL-STD-285 or IEEE-299-1997



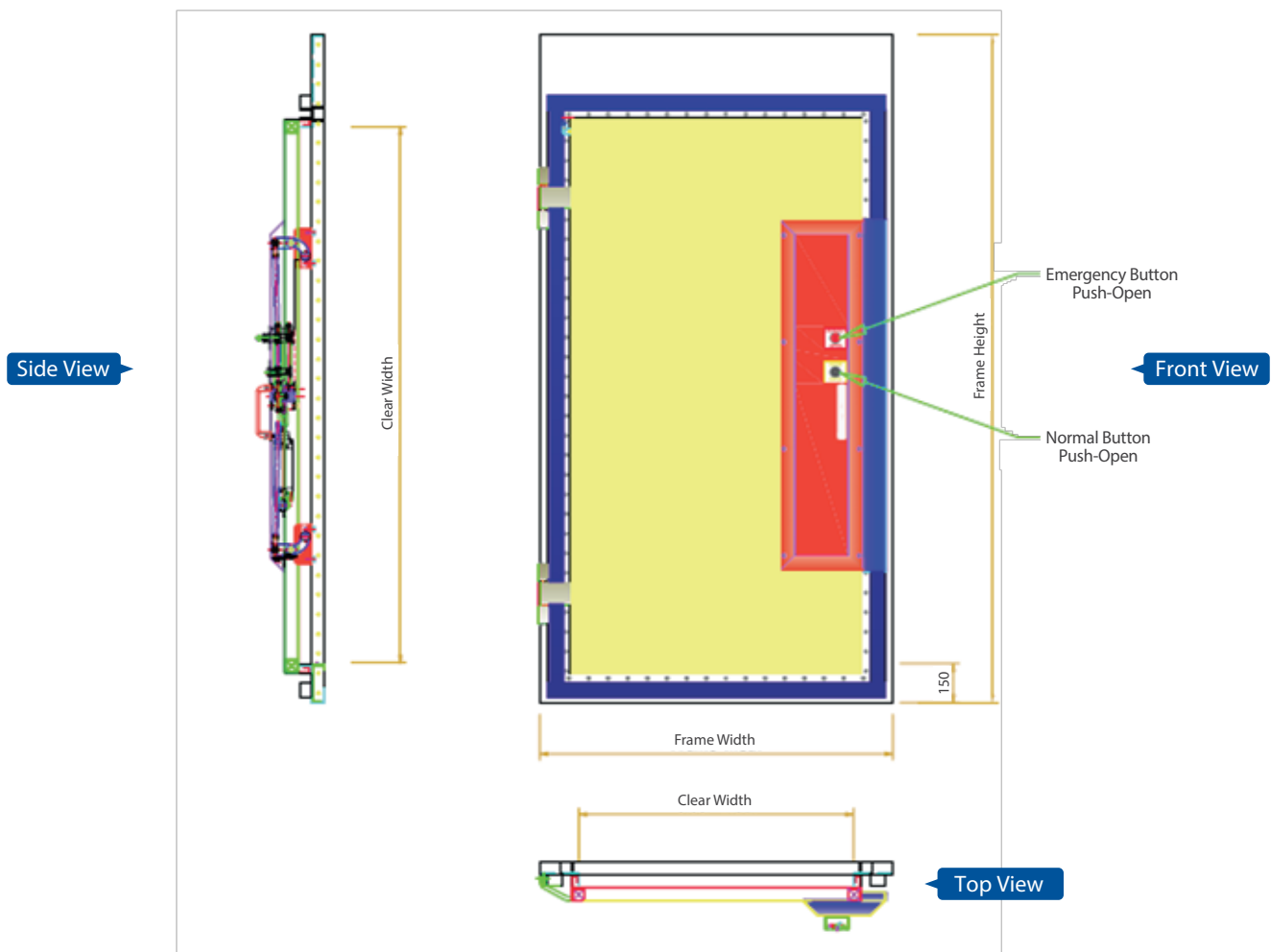
Security Card System & Inside View mounted Absorbers

EMSD-SSW Semi-Auto Swing Door

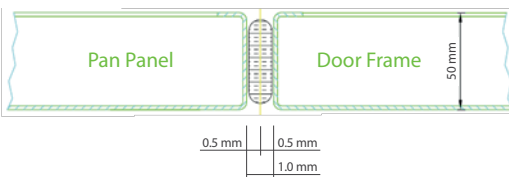
MODEL TYPE	CLEAR OPEN (W x H)	AVAILABLE OPTION
EMSD-SSW 1020	1050 mm x 2050 mm	TR, HL, Absorber, Ferrite tile
EMSD-SSW 1220	1250 mm x 2050 mm	TR, HL, Absorber, Ferrite tile
EMSD-SSW 1520	1500 mm x 2050 mm	TR, HL, Absorber, Ferrite tile

(Special dimensions are also available by customers request.)

TR : Threshold Ramp
HL : Heavy Load



Panel Section
SCALE None



Manual ramp is available as an option to make the slope from the door threshold and floor level of the out side. In case of SSW series, the ramp operates manually or automatically up and down by mechanical or pneumatic actuation. Possible load capacity of the ramp covers from standard load 500 kg/m² to 1 tons/m² by the request from the customers.

The height of the ramp is 150 mm ~ 300 mm depending on the building condition. Compressed air of 6 ~ 8 bars is required for the pneumatic actuation system. Connection between door and PAN shield panel is easy and simple as shown at side descriptions.

EMSD-MSW Manual Swing Door

Absorber Inside



The door leaf inner plate is prepared for the mounting of the ferrite tiles and/or absorbers directly onto it. (maximum load 45 kg/m²) Ferrite tiles and/or absorbers are not included in the normal delivery condition. Maximum length of absorber is limited within 450mm in the area of open/close latch line.

Anti-Corrosion

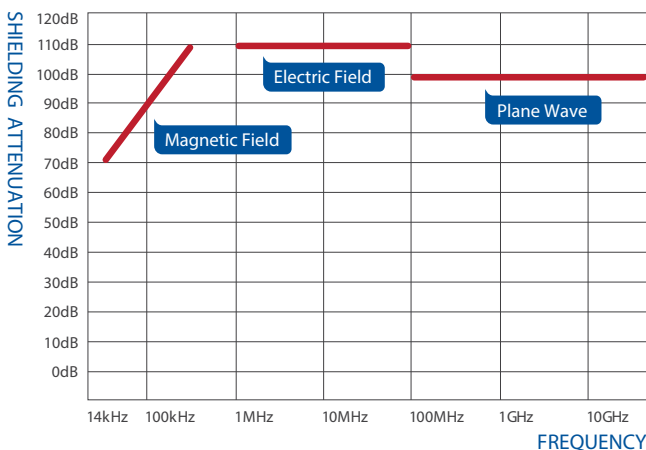


All door leaf and frame are painted with powder coating method and has strong endurance against corrosion and external damages. The finger strips are beryllium-copper materials and has long lifetime and endurance. Exchange of the finger strips are very easy and simple with only one manual tool.



EMSD-MSW

Manual Swing RF Shielding Doors meet the performance of IEEE299 shielding criteria and are designed for EME's high performance PAN shielding system



Shielding effectiveness test per MIL-STD-285 or IEEE-299-1997



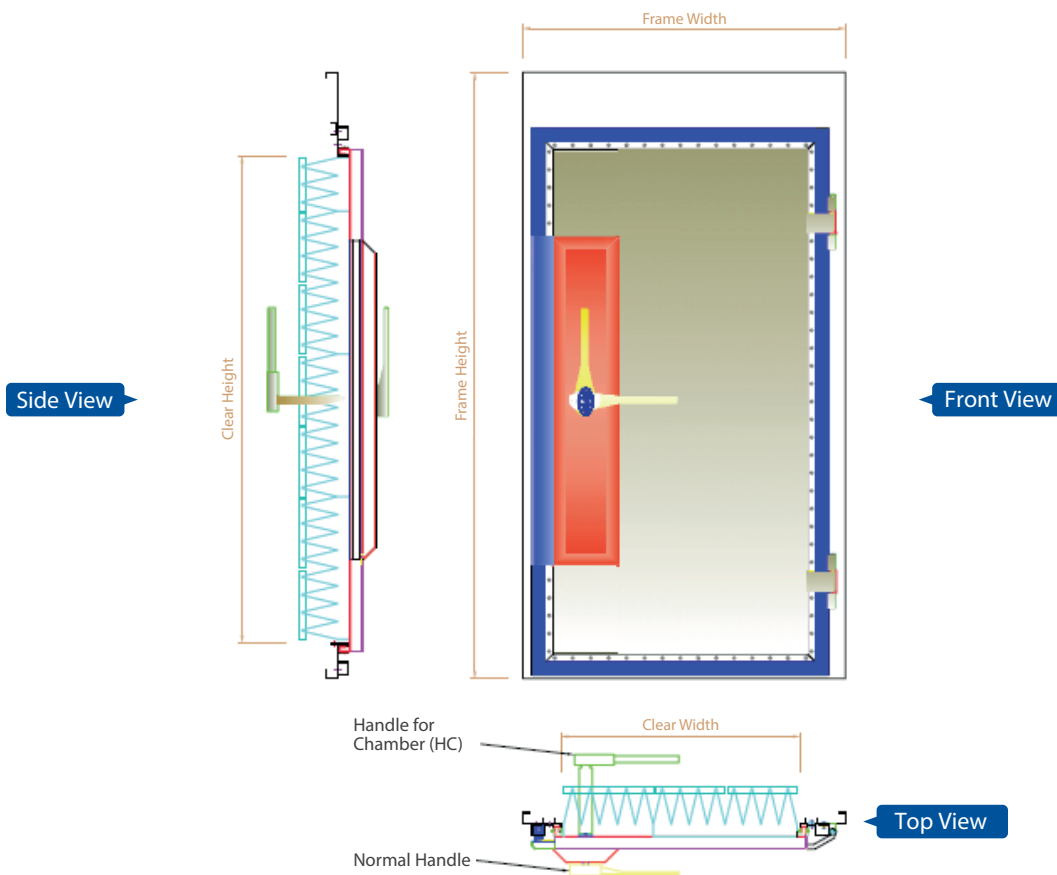
Corner Details

EMSD-MSW Manual Swing Door

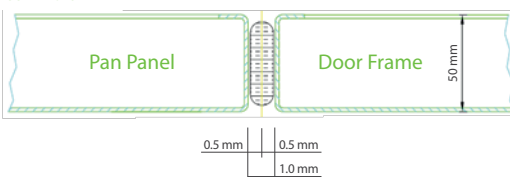
MODEL TYPE	CLEAR OPEN (W x H)	AVAILABLE OPTION
EMSD-MSW 1020	1050 mm x 2050 mm	HC, HL, Absorber, Ferrite tile
EMSD-MSW 1220	1250 mm x 2050 mm	HC, HL, Absorber, Ferrite tile
EMSD-MSW 1520	1500 mm x 2050 mm	HC, HL, Absorber, Ferrite tile
EMSD-MSW 1820	1800 mm x 2050 mm	HC, HL(Double Leaf), Absorber, Ferrite tile

(Special dimensions are also available by customers request.)

HC : Handle for Chamber
HL : Heavy Load



Panel Section
SCALE None



Although Manual Swing Door does not have automatic or pneumatic actuation, it could be opened and closed easily. Shielding performance is same with other auto or semi-auto doors without degradation.

Connection between door and PAN shield panel is easy and simple as shown at side descriptions.

Diagnostic Cage

Excellent Shielding and RF Absorbing quality for RF diagnostic trouble shooting.



EMDC-100 & 60

Shielded Box with Flat Absorbers can be designed with various dimensions by the customer's request. Diagnostic Cage meets all requirements and ISO10605 standard.

Valuable Tool



As a trouble shooting and diagnostic tool, shielded absorber-lined shielded case is a valuable tool for the engineering development process.

Absorber Performance

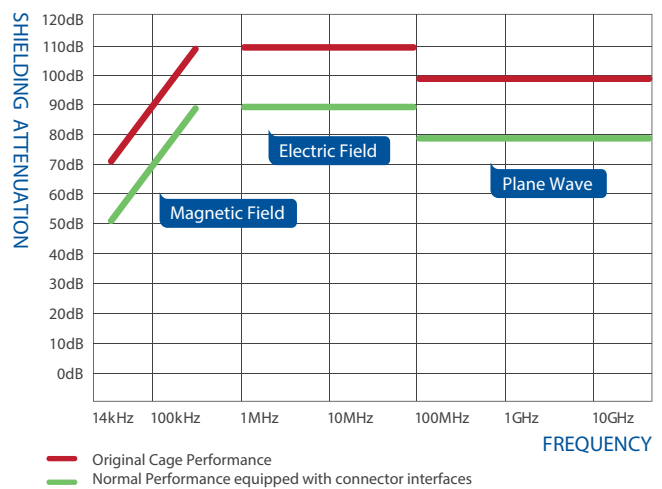


Absorbing materials could be selected following cutoff frequencies with -20dB reflection loss are from 0.6 ~ 20 GHz.

Various Interfaces



Easy access & Various Interfaces such as USB 3.0, HDMI, VGA, RJ45 are available by the customer's request.



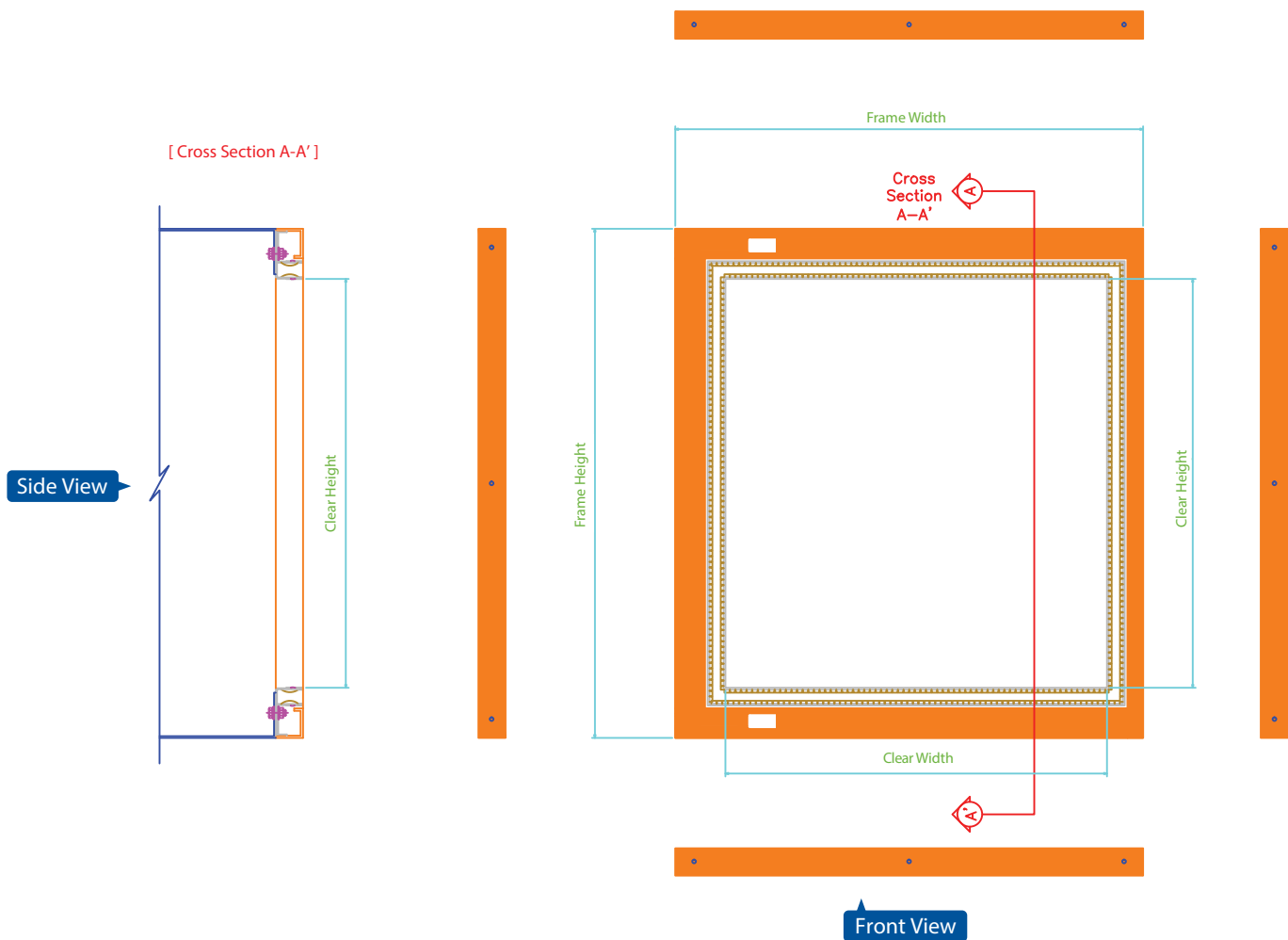
Shielding effectiveness test per MIL-STD-285 or IEEE-299-1997

Diagnostic Cage

Excellent Shielding and RF Absorbing quality for RF diagnostic trouble shooting.

MODEL TYPE	CLEAR OPEN (LxW x H)	AVAILABLE OPTION
ESB-0606	600mm x 600mm x 600mm	USB 3.0, HDMI, VGA, RJ45, SMA, Fiber Optics and etc.
ESB-0808	850mm x 850mm x 850mm	USB 3.0, HDMI, VGA, RJ45, SMA, Fiber Optics and etc.
ESB-1010	1000mm x 1000mm x 1000mm	USB 3.0, HDMI, VGA, RJ45, SMA, Fiber Optics and etc.
ESB-1515	1500mm x 1500mm x 1500mm	USB 3.0, HDMI, VGA, RJ45, SMA, Fiber Optics and etc.

(Special dimensions and various interface options are also available by customers request.)



Absorber Performance



Flat Sheet Type Absorber
Absorbing materials could be selected following cutoff frequencies with -20dB reflection loss are from 0.6 ~ 20 GHz.