Shielding tents
High performance for high frequencies

Cost effective instant Faraday tent
The RF shielded Faraday tents are manufactured from strong and highly conductive textile. The tents are standard delivered with multiple ropes for easy mounting to the ceiling or with a self-standing frame. Applications are typically EMC experiments, RF measurements, mobile military / forensic activities and personal protection in the field. Faraday tents offer mobile solutions for only a fraction of the price compared to a conventional Faraday cage.

Typically the access point is made out of magnetic strips covered with electrically conductive layers of textile. The magnetic closure ensures superb electrical contact after the tent is closed. When necessary, the entrance can also be equipped with conductive Velcro strips.

A double layer of fine conductive mesh can be installed allowing you to maintain visual contact between the inside or outside of the tent.

Material
Our RFI/EMI shielding tents are made of highly conductive, lightweight and ultra strong textile.

Pyramid shaped Faraday tent

NEW: Maintain visual contact with your experiment

Shielding performance of tents (dB)

<table>
<thead>
<tr>
<th>Frequency (GHz)</th>
<th>Single Layer (dB)</th>
<th>Double Layer (dB)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>20</td>
<td>120</td>
</tr>
<tr>
<td>2</td>
<td>40</td>
<td>80</td>
</tr>
<tr>
<td>5</td>
<td>60</td>
<td>50</td>
</tr>
<tr>
<td>10</td>
<td>80</td>
<td>30</td>
</tr>
<tr>
<td>15</td>
<td>100</td>
<td>20</td>
</tr>
<tr>
<td>20</td>
<td>120</td>
<td>10</td>
</tr>
</tbody>
</table>

Jumbo dual layer shielded tent
Shielding tents

Easy to mount, store and transport

Applications
- Computer and Cell Phone Forensics
- Field Military / Embassy use
- Secure / TEMPEST communication
- Radar jammer protection
- Electromagnetic Allergy / Electro smog
- Pre-compliance Testing
- Temporary EMI Shielding
- Reverberation chamber (RVC)
- Mode-stirred chamber (MSC)

Advantages
- Easy to mount and move, mobile laboratory
- Any size possible
- Optionally supplied with a rigid reinforced floor
- Single layer tent 40-60 dB up to 22.5 GHz
- Double layer tent 70-90 dB up to 22.5 GHz

Options
- Rigid floor for heavy load
- Easy mounting frame
- Shielded power filters
- Shielded ventilation/ AC
- Cable sleeve for entry of filtered cables
- Many other options on request

Standard sizes available:
All measurements given in the table are outside dimensions

Pyramid

<table>
<thead>
<tr>
<th>Size</th>
<th>Length (cm)</th>
<th>Width (cm)</th>
<th>Height (cm)</th>
<th>Layers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small</td>
<td>1 x 1 x 2.3 meters</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medium</td>
<td>2.5 x 2.5 x 2.3 meters</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Large</td>
<td>3 x 3 x 2.3 meters</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(code P-100x100x230)
(code P-250x220x230)
(code P-300x300x230)

Square

<table>
<thead>
<tr>
<th>Size</th>
<th>Length (cm)</th>
<th>Width (cm)</th>
<th>Height (cm)</th>
<th>Layers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small</td>
<td>2 x 2 x 2.3 meters</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medium</td>
<td>2.5 x 2.5 x 2.3 meters</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Large</td>
<td>3 x 3 x 2.3 meters</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(code S-200x200x230)
(code S-250x250x230)
(code S-300x300x230)

Rectangular

<table>
<thead>
<tr>
<th>Size</th>
<th>Length (cm)</th>
<th>Width (cm)</th>
<th>Height (cm)</th>
<th>Layers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small</td>
<td>2 x 2.5 x 2.3 meters</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medium</td>
<td>2 x 3 x 2.3 meters</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Large</td>
<td>2.5 x 3 x 2.3 meters</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Extra large</td>
<td>3 x 2 x 2.3 meters</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(code R-200x250x230)
(code R-200x300x230)
(code R-250x300x230)
(code R-300x200x230)

Round

<table>
<thead>
<tr>
<th>Size</th>
<th>Length (cm)</th>
<th>Width (cm)</th>
<th>Height (cm)</th>
<th>Layers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small</td>
<td>Ø 2 x 2.3 meters</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medium</td>
<td>Ø 3 x 2.3 meters</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Large</td>
<td>Ø 4 x 2.3 meters</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(code O-200x230)
(code O-300x230)
(code O-400x230)

Jumbo tent

Size | Length (cm) x Width (cm) x Height (cm) | Code |
-----|---------------------------------------|------|
5 x 3 x 4 meters | (code J-500x300x400-01) |

Any other size on request.

Most sizes are in stock: please contact us for delivery time.

Example
Rectangular tent, 2 x 3 x 2.3 meters and single layer version.

Part number | Shape | Length (cm) | Width (cm) | Height (cm) | Layers |
-------------|-------|-------------|------------|-------------|--------|
Shielding tent | R     | 200         | 300        | 230         | 1      |

P : Pyramid
S : Square
R : Rectangular
O : Round
J : Jumbo tent

The length of the tent in centimeters
The width of the tent in centimeters
The height of the tent in centimeters
Specify a single layer (1) or a double layer (2) tent

Optional aluminum mounting frame