**Focal®**

Product Data Sheet

**Type**
2-way in-wall

**Drivers**
- 6½" (16.5cm) Flax cone woofer: controlled and articulated bass, neutral and well-defined mid-range for optimal fidelity.
- 1" (25mm) Al/Mg inverted dome tweeter with Poron® suspension. Treble with extreme definition and precision.

**Sensitivity (2.83V/1m)**
90dB

**Frequency response (+/-3dB)**
55Hz - 28kHz

**Low frequency point (-6dB)**
45Hz

**Nominal impedance**
8 Ω

**Minimal impedance**
4.5 Ω

**Recommended amplifier power**
25 - 130W

**External dimensions (HxWxD)**
12¼" x 8¼" x 3¼" (323 x 220 x 98mm)

**Cut-Out diameter (HxL)**
11½" x 7½" (292 x 191mm)

**Depth from wall**
3½" (93mm)

**Net weight (with front grille)**
4.9lbs (2.25kg)

**Packing dimensions (WxDxH)**
16½" x 12¼" x 7½" (411 x 308 x 184mm)

**Total weight (with packaging)**
8.49 lbs (3.85kg)

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**Key points**
- 2-way in-wall loudspeaker
- Easy and quick to install without tools
- Adjustable tweeter
- Speaker drivers designed and made in France by Focal
- Deep frequency response in the low end and high power handling
- Very balanced mid-range for improved intelligibility for Home Cinema set-ups
- Supplied with a magnetic grille and ready to paint to ensure perfect integration

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**Technical Specifications**
Dimensions

Directivity Measurements

Horizontal (right)

Frequency Response

300IW6 Speaker level Calculation Table

<table>
<thead>
<tr>
<th>Power/Distance</th>
<th>1 m</th>
<th>2 m</th>
<th>5 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 W (2.83 V)</td>
<td>90 dB</td>
<td>84 dB</td>
<td>76 dB</td>
</tr>
<tr>
<td>5 W (8.94 V)</td>
<td>100 dB</td>
<td>94 dB</td>
<td>86 dB</td>
</tr>
<tr>
<td>10 W (12.6 V)</td>
<td>103 dB</td>
<td>97 dB</td>
<td>89 dB</td>
</tr>
<tr>
<td>20 W (15.5 V)</td>
<td>105 dB</td>
<td>99 dB</td>
<td>91 dB</td>
</tr>
</tbody>
</table>

Summary

<table>
<thead>
<tr>
<th>125 Hz</th>
<th>250 Hz</th>
<th>500 Hz</th>
<th>1kHz</th>
<th>2kHz</th>
<th>4kHz</th>
<th>8kHz</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPL (2.83 V/1 m) (dB)</td>
<td>90</td>
<td>90</td>
<td>89</td>
<td>89</td>
<td>89</td>
<td>89</td>
</tr>
<tr>
<td>Opening Angle at -6dB</td>
<td>180°</td>
<td>180°</td>
<td>180°</td>
<td>180°</td>
<td>170°</td>
<td>180°</td>
</tr>
</tbody>
</table>