

FS2C Ceiling Speaker

FS2C Ceiling Speaker 16W

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| Power | 16W |
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Detailed

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| Model | FS2C | |
| SINGLE LOUDSPEAKER PERFORMANCE | | |
| Frequency Response (-3 dB) | 95 – 16,000 Hz | |
| Frequency Range (-10 dB) | 83 – 19,000 Hz | |
| Nominal Coverage Angle (1 – 4 kHz) | 150° | |
| Nominal Coverage (1 – 10 kHz) | 145° | |
| Power Handling, Long-term Continuous | AES transducer test 20W | Bose Professional extended-lifecycle test 16W |
| Power Handling, Peak | AES transducer test 80W | Bose Professional extended-lifecycle test 64W |
| Sensitivity SPL / 1 W @ 1 m ² | AES transducer test 86dB | Bose Professional extended-lifecycle test 86dB |
| Calculated Maximum SPL @ 1 m ³ | AES transducer test 99dB | Bose Professional extended-lifecycle test 98dB |
| Calculated Maximum SPL @ 1 m, Peak | AES transducer test 105dB | Bose Professional extended-lifecycle test 104dB |
| Loudspeaker EQ | No Bose Professional EQ required when speaker used for general use. Bose Professional EQ Voicing and SmartBass available. EN 54-24 equalization is required for EN 54-24 use; | |

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| | refer to installation guide for details. |
| Recommended High-Pass Protection | 85 Hz with minimum 24-dB/octave filter |
| Transformer taps | 70V: 1, 2, 4, 8, 16 W, bypass 100V: 2, 4, 8, 16 W, bypass |
| TRANSDUCERS | |
| Full-Range Driver | 1 × 2.25-inch woofer (57 mm) |
| Nominal Impedance | 16 ohms (transformer bypass) |
| PHYSICAL | |
| Enclosure Material | Engineered-plastics front baffle with integrated steel-formed backcan |
| Grille | Perforated steel, powder-coated finish |
| Logo | Rotatable, removable |
| Color | White (RAL 9003), paintable |
| Environmental | Indoor only, suitable for use in plenum locations |
| Safety Agency | Certification: EN 54-24:2008 for Voice Alarm Systems; UL 1480(A); in compliance with UL 2043 for plenum-space installation. For EN 54-24 specifications, refer to installation guide. EN 54-24 equalization required for EN 54-24 use. Installation: NFPA 70, NFPA 72, CSA C22.1 Section 32 |
| Operating Temperature Range | 0 °C to 50 °C (32 °F to 122 °F) |
| Connectors | Euroblock 6-pin connector with loop-through, front-baffle mounted Accepts 18 AWG (0.8 mm ²) to 14 AWG (2.5 mm ²) size wire |
| Wire/Conduit Entry | Top and side wire entry-point 12.7 mm (1/2 in) knockouts allow for 9.5 mm (3/8 in) conduit and fittings |
| Suspension/Mounting | Two (2) standard mounting arms plus one (1) safety cable tab |
| Maximum Ceiling Thickness | 38 mm (1.5 in) |
| Product Dimensions (Baffle Diameter × Depth) | 182 × 132 mm (7.2 × 5.2 in) |
| Backcan Dimensions (Diameter × Depth) | 127 × 125 mm (5.0 × 4.9 in) |
| Ceiling Cutout | 160 mm (6.3 in) |
| Net Weight, Loudspeaker with Grille (Single) | 1.63 kg (3.6 lb) |
| Shipping Weight (Pair) | 4.4 kg (9.7 lb) |
| Included Accessories | Each FS2C includes one (1) cutout template per box |
| Optional Accessories | Adjustable tile bridge (6-pack), DesignMax DM2CRI rough-in kit (6-pack), retrofit kit (2-pack), ceramic terminal with fuse kit (10-pack) |