

FS2C Ceiling Speaker

FS2C Ceiling Speaker 16W

Power	16W
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Detailed

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;	

	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 x 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 x Depth)	182 x 132 mm (7.2 x 5.2 in)
Backcan Dimensions (Diameter x Depth)	127 x 125 mm (5.0 x 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)