

## F-2852CU2

### PANEL CONE SPEAKER



The F-2852CU2 ceiling-mounted speaker covers a wide area and can be used for 25 and 70 V line applications. Well-balanced sound can be heard uniformly at any location.

### Key features

- Ideal for high ceiling applications
- Ported bass-reflex design
- Co-axial: 6.5" cone driver and dome tweeter
- Special diffuser provides wide off-axis high frequency response
- Metal back-can and safety cable
- UL-Listed for Fire Protective, General Purpose Signaling and Air-Handling Spaces (UL1480 UUMW/UEAY, UL2043)
- Removable terminal block with loop-through terminations
- Overload protection circuitry

## Specifications

Enclosure	Bass reflex type
Rated Input	60 W (High Impedance)
Power Handling	Continuous pink noise: 90 W (8 $\Omega$ ) Continuous program: 180 W (8 $\Omega$ )
Impedance	70 V line: 83 $\Omega$ (60 W), 170 $\Omega$ (30 W), 330 $\Omega$ (15 W), 670 $\Omega$ (7.5 W), 3.3 k $\Omega$ (1.5 W) 25 V line: 83 $\Omega$ (7.5 W), 170 $\Omega$ (3.7 W), 330 $\Omega$ (1.9 W), 670 $\Omega$ (0.9 W), 3.3 k $\Omega$ (0.2 W) 8 $\Omega$
Sensitivity	91 dB (1 W, 1 m)
Frequency Response	60 Hz - 20 kHz at installation in 1/2 free sound field (Measured by installing the unit in the center of a ceiling.)
Speaker Component	High frequency: Dome-type, Low frequency: 16 cm (6) cone-type
Mounting Hole	Ø250 mm (9.84) (Maximum ceiling thickness: 37 mm (1.46"))
Input Terminal	Removable locking connector with screw-down terminals (2 input terminals and 2 bridge terminals)
Cable Requirements	Solid copper wire: Ø1.0 - Ø1.6 mm (equivalent to AWG No. 18 - 14) Stranded copper wire: 0.75 - 2.5 mm <sup>2</sup> (equivalent to AWG No. 18 - 14)
Compliance/Certifications	UL1480 (UEAY), UL2043, CAN/CSA C22.2 No.205 (UEAY7)
Finish	Enclosure: Steel plate, plating Baffle: Fire-resistant ABS resin (resin material grade: UL-94 V-0), black Rim: Fire-resistant ABS resin (resin material grade: UL-94 V-0), white, paint Punched net: Steel plate, white, paint
Dimensions	Ø280 x 236 (D) mm (Ø11.02 x 9.29")
Weight	5.8 kg (12.79 lb) (including mounting accessories)
Included Accessories	Front grille ...1, Tile bridge ...1, Safety wire (approx. 60 cm (23.62) ...1