Data Sheet

REDBACK®

CF0715 200mm (8") 100V 5W FIRE Speaker White AS ISO7240.24
CF0716 200mm (8") 100V 5W FIRE Speaker Black AS ISO7240.24

Description

Fire versions of our popular One-Shot C 0715 speaker. It features flame retardent housing material and a tuned PA driver to suit the new approval requirements. One-Shot design simply snap-fits in seconds to the surface mounting ring, reducing installation time considerably.

Test Method

This specification data was measured in an anechoic chamber, according to the AS ISO7240.24.
Reference axis: Axis is on the centre of the grille surface and perpendicular to the grille surface.
Reference plane: Plane is on the grille surface and perpendicular to the reference axis.
Horizontal plane: Plane is containing the reference axis and perpendicular to the reference plane.

Specifications

Rated Noise Power	5 Watts (100V line)
Power Taps & Impedance (100V line)	0.33W (30kΩ), 0.66W (15kΩ), 1.25W (8kΩ), 2.5W (4kΩ), 5W (2kΩ)
Sensitivity	93dB (1W@1M), 81dB (1W@4M)
Maximum Sound Pressure Level	101dB (5W@1M), 89dB (5W@4M)
Frequency Response	100 Hz - 15kHz; 500 - 4kHz O$\pm$ 8dB
Coverage Angle (-6dB)	500 Hz: > 180 °, 1000Hz: 81°, 2000Hz: 93°, 4000Hz: 58°
Environmental Type	A (for indoor applications as per standard)
Speaker Component	200mm (8") paper cone speaker
Mounting Method	Surface Attachment
Line Monitoring	Yes, 22µF bipolar capacitor
Applicable Cable	2.5mm^2 (14AWG) max conductor area
Connection	4 way screw terminal
Finish	White (CF0715) flame retardant ABS grille and housing (Taitalac 8540T), Black (CF0716) grill + housing (Starex VH-0800) Black Flame retardant ABS spring clips (Cycoloy C2950HF)
IP Rating	IP 21C
Dimensions	310Ø x 85mm
Weight	1.36kg

Circuit Diagram & Dimensions (mm)