

## Microflex™ MXN5-C Networked Ceiling Loudspeaker

The loudspeaker shall consist of one 134 mm (5.25 in.) low-frequency transducer and one 19 mm (0.75 in.) high-frequency transducer with a frequency-dividing network installed in a sealed enclosure. The loudspeaker shall have a frequency range from 65 Hz – 22 kHz (-10 dB). The unit shall accept 40 watts PoE in addition to PoE plus and standard PoE, as well as the audio signal from a provided network switch, and shall be configurable via Designer configuration software. Maximum continuous output at 1 meter with a 40 watt input shall be 99 dB. The back-can shall be constructed of galvanized steel with an ABS plastic baffle. The grille shall be constructed of painted steel. The integrated in-ceiling speaker shall be engineered for high performance and easy installation in plenum spaces. The unit incorporates three additional attachment points for added security, or where required by code. Installation for the speaker shall be by two-screw blind-mount constant tension fixed-wing assembly and shall attach to ceiling thicknesses ranging from 0.035 in. (0.9 mm) to 2.5 in. (63.5 mm). The external wiring shall be via RJ45 ethernet port, accepting standard category cable. The maximum back-can dimension shall be no more than 95.3 mm (3.75 in.) in height by 245.6 mm (9.67 in.) in diameter. The maximum visible dimensions shall be no more than 8.4 mm (0.33 in.) in height by 298.5 mm (11.75 in.) in diameter. The loudspeaker shall be the Shure MXN5-C Networked Ceiling Loudspeaker.