

TECHNICAL SPECIFICATION
ONE-WAY BI-DIRECTIONAL CORRIDOR WALL
V-1026C-W



FEATURES:

- Utilizes Standard CAT 3, 5, Or 6 Cable
- Excellent Voice and Music Reproduction
- Externally Accessible Volume Control
- Wide Sound Dispersion
- Electrically, Acoustically Matched Parts
- Attractive White Finish



DESCRIPTION:

Bi-Directional Corridor speaker assembly complete with speaker, amplifier, built-in volume control, sloped baffle and mounting bracket.

Specifications

SPEAKER ELEMENT

Cone Diameter: 8.0" (20.32 cm)

INPUTS

Impedance: > 600 Ohms nominal

Signal Level: -15 dBm line level

OUTPUT

Rating: > 96 dB @ 4' (1.22 m)

Signal/noise ratio: -70 Db

FREQUENCY RESPONSE

80 Hz to 15 kHz

POWER REQUIREMENTS

50 mA @ -24 Vdc

ENVIRONMENT

Temperature: -4 to +131°F (-20 to +55°C)

Humidity: 0-95% Non-Condensing

HOUSING AND FINISH

Baffle constructed of .5" (1.27 cm) particle board, covered with white vinyl with light brown open-weave grille cloth.

DIMENSIONS AND WEIGHT

10.3 "H x 10.3 "W x 4.2 "D (26.162 cm x 26.162 cm x 10.668 cm)

Weight: 5.6 lbs (2.52 kg)

Shipping Weight: 6.0 lbs (2.7 kg)

ARCHITECTS' AND ENGINEERS

The Bi-Directional Corridor Speaker, Model V-1026C shall consist of a 45-ohm speaker, amplifier, volume control, and baffle. The speaker, housing and hardware shall be electrically and acoustically matched for a frequency response of 80 Hz to 15 kHz.

The speaker element shall be cone type with 5 oz (142 g) ceramic magnet. Diameter of speaker cone shall be 8.0" (20.32 cm). Voice coil diameter shall be .75" (1.91 cm). Voice coil impedance shall be 45-ohm.

The amplifier shall have a frequency response of 80 Hz to 15 kHz. Distortion shall be less than 1.5% at rated output of 1-watt RMS. Signal to noise ratio shall be -70 dB. The amplifier shall operate on a -24 Vdc nominal, positive ground power supply. Operating current shall be 50 mA at -24 Vdc. Operating temperature shall be -4 to +131°F (-20 to +55°C).

A screwdriver adjustable volume control shall be provided on the unit. This volume control shall be externally accessible, making it possible to adjust volume level of speaker without removal of unit. The baffle shall be constructed of .5" (1.27 cm) particle board covered with white vinyl and a white grille cloth.

Maximum dimensions of the housing shall be 10.3 "H x 10.3 "W x 4.2 "D (26.162 cm x 26.162 cm x 10.668 cm). Approximate weight is 5.6 lbs (2.54 kg).

Warranty information may be found on our website at www.valcom.com/warranty.