

The JC80WP 8" waterproof loudspeaker performs best in installations needing both excellent sound quality and durability under tough environmental conditions. This model features a treated cloth cone and a piezo tweeter phase-coupled to the low frequency driver to cut phase distortion and produce an extended frequency range.

- Extended range coaxial speaker with piezo tweeter
- 8" (203 mm) diameter
- 15 watts, 8 ohm, 93 dB SPL
- -67°F (-55°C) to +185°F (+85°C)
- Acrylic treated cloth cone
- Ferrite magnet



### Primary Specifications

|  |             |
|--|-------------|
| <b>Size, Nominal (inch &amp; mm)</b>         | 8" (203 mm) |
| <b>Rated Impedance (<math>\Omega</math>)</b> | 8           |
| <b>Sensitivity (dB SPL) <sup>1</sup></b>     | 93          |
| <b>Frequency Range (Hz)</b>                  | 50 - 18,000 |
| <b>Resonant Frequency (Fs) (Hz)</b>          | 100         |

### More Specifications

|   |  |
|---|--|
| <b>Application</b>                              | Commercial, Outdoor , Voice Communications |
| <b>RoHS Compliant</b>                           | No   |
| <b>DC Resistance (Re) (<math>\Omega</math>)</b> | 8  |
| <b>Program Power (W)</b>                        | 30   |

### Small Signal Parameters

|  |      |
|--|------|
| <b>Nominal Impedance (Z) (<math>\Omega</math>)</b> | 8    |
| <b>DC Resistance (Re) (<math>\Omega</math>)</b>    | 8    |
| <b>Resonant Frequency (Fs) (Hz)</b>                | 100  |
| <b>Total Q Factor (Qts)</b>                        | 0.79 |

### Material Descriptions

|                                   |                         |
|-----------------------------------|-------------------------|
| <b>Basket Type</b>                | Stamped Steel           |
| <b>Terminal Size (mm)</b>         | 5.2 mm x 0.5 mm         |
| <b>Voice Coil Diameter (mm)</b>   | 25.78                   |
| <b>Voice Coil Wire Material</b>   | High Temperature Copper |
| <b>Voice Coil Former Material</b> | Aluminum                |
| <b>Magnet Material</b>            | Ferrite                 |
| <b>Magnet Weight (g)</b>          | 283.5                   |
| <b>Cone Body Material</b>         | Acrylic Treated Cloth   |
| <b>Cone Surround Material</b>     | Acrylic Treated Cloth   |
| <b>Spider Material</b>            | Cotton                  |
| <b>Dust Cap Material</b>          | Paper Composite         |
| <b>Net Weight (kg)</b>            | 2.02                    |

