4 INCH (100 MM) WIDE RANGE SPEAKER W/ALUMINUM GRILL AND LEAD SET

PART #: 90298

Looking for an exceptional outdoor speaker that can provide clear and comprehensive audio coverage? Look no further than the 90298! This sturdy device is designed to meet the demanding requirements of outdoor transit systems, ensuring dependable and high-quality audio output for voice communications and signal alarms.

With a 4-inch wide-range speaker, the 90298 is built to last. It features a powerful ferrite magnet, and a resilient aluminum voice coil tuned for endurance and performance. The speaker's textile cone is treated with acrylic to enhance its moisture resistance, while the pre-mounted aluminum grill protects it from the harshness of the elements.

Installation is a breeze with the included 5-inch lead set, making the 90298 the ultimate audio solution for any system requiring versatility and durability. Don't settle for less - choose the 90298 for all outdoor audio needs!

- Superior outdoor speaker with clear and expansive audio coverage
- Specially designed for outdoor transit systems
- Reliable audio quality for voice communications and signal alarms
- Features a powerful ferrite magnet and a resilient aluminum voice coil
- Tuned for endurance and performance
- Textile cone treated with acrylic for enhanced moisture resistance
- Pre-mounted aluminum grill protects against harsh elements
- Easy installation with included 5-inch lead set
- Versatile and durable audio solution

MISCO engineers use the world's most sophisticated loudspeaker measurement systems, including the Klippel Analyzer, to maximize and confirm the speaker's design and the Klippel QC module to ensure perfect unit-to-unit consistency and reliability.



Primary Specifications

Size, Nominal (inch & mm)	4" (100 mm)
Rated Impedance (Ω)	8
Sensitivity (dB SPL) [1]	94
Frequency Range (Hz)	300 - 5000
Resonant Frequency (Fs) (Hz) +/- 15%	685

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More Specifications

Application	Outdoor , Transit, Voice Communications
RoHS Compliant	No
DC Resistance (Re) (Ω)	6.4
Program Power (W)	20

Small Signal Parameters

Nominal Impedance (Z) (Ω)	8
DC Resistance (Re) (Ω)	6.4
Resonant Frequency (Fs) (Hz) +/- 15%	685
Mechanical Q Factor (Qms)	9.99
Electrical Q Factor (Qes)	5.96
Total Q Factor (Qts)	3.73

Material Descriptions

Basket Type	Stamped steel
Terminal Size (mm)	4.8 x 0.5
Voice Coil Diameter (mm)	19
Voice Coil Wire Material	Copper clad aluminum
Voice Coil Former Material	Kapton
Magnet Material	Ferrite
Cone Body Material	Acrylic treated textile
Cone Surround Material	Acrylic treated textile
Dust Cap Material	Acrylic treated textile
Net Weight (kg)	0.53



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