

Specification Sheet

Model # MS-6-SYS



Key Features:

- 6" (156mm), 8 ohm
- speaker with 70 volt transformer mounted in rugged 13" square recessed ceiling assembly for Voice and Paging
- The grille is painted beige
- 12 watts

Product Specifications & Parameters

Primary Specifications

Speakers Environment	Indoor
RoHS Compliant	No

Technical Specifications

		Units of Measure
Nominal Basket Diameter	6.0	inch
	156.0	mm
Rated Impedance	8	ohms
Rated Power	12	Watts
Program Power	24	Watts
Frequency Range	70 - 10000	Hz
Sensitivity (2.83 V input measured at 1 Meter)	94	dB SPL
Voice Coil Diameter	0.8 / 20.3	inch / mm
Magnet Weight	4.8 / 136	oz / gr

Small Signal Parameters

	Units of Measure
Resonant Frequency (fo)	110 Hz
D.C. Resistance (Re)	6.0 ohms
Mechanical Q (Qms)	4.6
Electrical Q (Qes)	1.6
Total Q (Qts)	1.2
Compliance Equivalent Volume (Vas)	ltr
BL Product (BL)	T-M
Maximum Linear Excursion (Xmax)	mm
Surface Area of Cone (Sd)	cm2

Material Descriptions

Basket	Stamped Steel
Terminal Size	Customer Specified
Magnet	Ferrite
Voice Coil Wire	Copper
Voice Coil Form	Aluminum
Cone	Paper
Cone Edge	Paper
Dust Cap	Paper

Drawing

ID	Description	Measurements	Tolerance
OD	Outside Diameter	in.	+/- 0.020"
CD	Cutout Diameter	in.	+/- 0.020"
MG	Magnet Diameter	in.	+/- 0.050"
HD	Hole Diameter	in.	+/- 0.010"
MD	Mounting Diameter	6.2 in.	+/- 0.010"
ID	Internal Depth	in.	+/- 0.025"
FT	Flange Thickness	in.	+/- 0.050"
NW	Net Weight	gr.	