

The FC6S-4T70-A is a 6" voice range paging and communications speaker designed especially for transit audio systems. This model combines a high efficiency, dual cone driver, a rugged steel frame and magnet, and a reliable 4-watt, 70-volt transformer with primary taps at 4 watts, 2-watt, and 1-watt.

- Voice and paging speaker
- 6" (156 mm) steel basket diameter
- 12 watts, 8 ohms, 94 dB SPL
- 4 watt, 70-volt transformer
- Ferrite magnet, treated cone



#### Primary Specifications

<b>Size, Nominal (inch &amp; mm)</b>	6" (152 mm)
<b>Rated Impedance (<math>\Omega</math>)</b>	8
<b>Sensitivity (dB SPL) <sup>1</sup></b>	94
<b>Frequency Range (Hz)</b>	70 - 10, 000
<b>Resonant Frequency (Fs) (Hz) +/- 15%</b>	341

## More Specifications

<b>Application</b>	Transit, Voice Communications
<b>DC Resistance (Re) (<math>\Omega</math>)</b>	8
<b>Program Power (W)</b>	24

## 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) +/- 15%</b>	341
<b>Mechanical Q Factor (Qms)</b>	4.7
<b>Electrical Q Factor (Qes)</b>	1.5
<b>Total Q Factor (Qts)</b>	1.10

## Material Descriptions

<b>Basket Type</b>	Stamped steel
<b>Voice Coil Diameter (mm)</b>	20.3
<b>Voice Coil Wire Material</b>	Copper
<b>Voice Coil Former Material</b>	Aluminum
<b>Magnet Material</b>	Ferrite
<b>Magnet Weight (g)</b>	136
<b>Cone Body Material</b>	Treated paper
<b>Cone Surround Material</b>	Paper
<b>Dust Cap Material</b>	Paper

