

Unidirectional Electret Condenser Microphone Cartridge

WM-55A103/65A103
(Back Electret Type)
WM-56A103
(Foil Electret Type)

- Unidirectional microphone for general use
- Small size unidirectional microphone (65A103)
- Suited to Hi-Fi sound and playback systems (65A103)

Appearance

WM-55A103/56A103

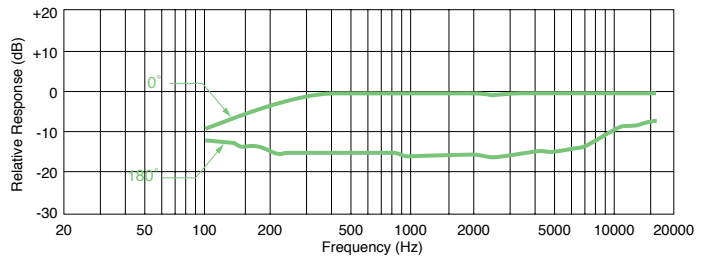


WM-65A103

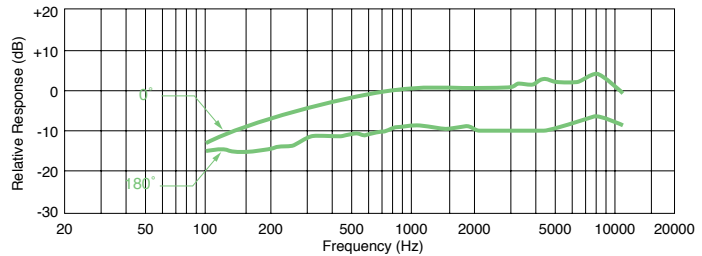


Typical Frequency Response Curve

WM-55A103/56A103



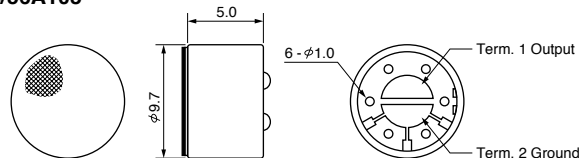
WM-65A103



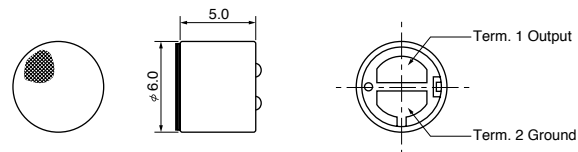
Dimensional Drawing

Unit: mm

WM-55A103/56A103



WM-65A103



Sensitivity

$V_s = 1.5V$
 $RL = 680\Omega$

WM-55A103

$-47 \pm 4dB$

WM-56A103

$-50 \pm 4dB$

WM-65A103

$V_s = 2.0V$
 $RL = 2.2k\Omega$

$-50 \pm 4dB$

Specifications WM-55A103 / 56A103 [WM-65A103]

Sensitivity:	See above (0dB=1V/Pa, 1kHz)
Impedance:	Less than 680Ω [Less than 2.2kΩ]
Directivity:	Unidirectional (Cardioid)
Frequency:	100-16,000Hz [100-12,000Hz]
Max. operation voltage:	10V
Standard operation voltage:	1.5V [2.0V]
Current consumption:	Max. 0.5mA
Sensitivity reduction:	Within -3dB at 1V [at 1.5V]
S/N ratio:	More than 60dB/58dB [55dB]